



OFFICE OF THE SENIOR VICE PRESIDENT —  
BUSINESS AND FINANCE

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Re:	Release:	1575
	Reference Release	1415
	Service Request:	16901
	Error Reports	1914
	Programs:	None
	CICS Programs	PPAPDPN
	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)

This release addresses the following error report:

### **Error Report 1914**

It has been reported from UC Santa Cruz that when entering one-time payment data (One Time Payment - EDFT function) via the online Department Time Reporting process, an abend occurred when generating Post Authorization Notices (PANs) for a particular employee.

The problem is traced to CICS program PPAPDPN (Time Reporting subsystem PAN formatting processor). Specifically, a SQLCODE of -305 is returned from DB2 and an abend occurs when the employee's Distribution Department Code (EDB2061) value on the distribution record is not equal to a Home Department Number on the Home Department Table (PPHME). Thus, the DB2 column associated with the Home Department Name is null, and an abend occurs when generating a Post Authorization Notice for that employee.

### **Programs**

#### **PPAPDPN**

Currently, PPAPDPN is the Time Reporting subsystem PAN formatting processor. The employee's Home Department Code from the PER record, Distribution Department Code(s) from the distribution record(s), and translated Distribution Department Codes (Home Department Names from PPHME Table) are stored in the UCWSPANC-REQ-DEPT-CODES array.

A specific Null Indicator is defined in Working Storage for usage in the Fetch Statement for column HME-DEPT-NAME. If the Null Indicator value (returned from DB2) is less than zero (HME-DEPT-NAME contains null), an entry is *not* created for the Home Department Number and the Home Department Name in the UCWSPANC-REQ-CODES Array.

In addition, for each row returned from the APPTDISTCURS Cursor and the SQLCODE is equal to zero, the Home Department Table is accessed to verify that the Home Department Number (returned from fetch) is defined on the Home Department Table. If the Home Department Number is not found, the description of "HOME DEPT NAME NOT AVAILABLE" is moved to the appropriate entry in the UCWSPANC-REQ-CODES Array.

### **Test Plan**

1. The first test replicates the abend caused by unmodified CICS module *PPAPTPDN*.

Before beginning the test, select an employee and change any one of the Distribution Department Codes (EDB 2061) to a value (Home Department Code) not defined on the Home Department Table.

Log on to the CICS region. At the Main Menu screen, enter function EDAT. From the Dept. Adjust. Transaction Menu screen, enter function EDFT, selected Employee ID, appropriate Pay Cycle, and future Pay Period End Date (MMDDYY). Press ENTER. On the One Time Payment (EDFT) screen, enter the appropriate FAU, Title Code, DOS Code, Amount, and Pay Period End Date (MMDDYY). Press Update (PF-5). Verify that an abend occurs.

2. The second test verifies that the modified CICS module *PPAPTPDN* resolves the abend issue described in Error Report 1914.

Compile the modified module PPAPTPDN per Installation Instructions below.

At the Main Menu screen, enter function EDAT. From the Dept. Adjust. Transaction Menu screen, enter function EDFT, selected Employee ID, appropriate Pay Cycle, and future Pay Period End Date (MMDDYY). Press ENTER. On the One Time Payment (EDFT) screen, enter the appropriate FAU, Title Code, DOS Code, Amount, and Pay Period End Date (MMDDYY). Press Update (PF-5). Verify that the update is successful, and that the Post Authorization Notice is generated for that employee.

Campuses can replicate the above test cases.

### **Installation Instructions**

1. Program Preparation

Note: At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

Note: "DUAL" programs must be compiled twice and linked into batch and online libraries ("LOADLIB" and "OLOADLIB" respectively), and DUAL-ONLINE programs must be compiled once only and linked into the online library. "CICS" programs must be CICS pre-compiled and compiled once and linked into OLOADLIB. "BATCH" programs must be compiled once and linked into the batch LOADLIB only.

- a) Install, compile, and link the *modified* programs listed in Table 1

<b>Program Name</b>	<b>DB2?</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPAPTPDN	Yes	CICS	Yes	

**Table 1**

2. Execute and verify the rest of the test plan as described in the Test Plan.

Perform any desired additional campus testing.

3. Place modified objects in production.

**Timing of Installation**

The installation of this release is not urgent.

However, to prevent anabend from occurring when an employee's Distribution Department Code is not equal to a Home Department Number on the Home Department Table and when Post Authorization Notifications are generated from the online Department Time Reporting process, it is suggested that this release be installed to prevent anabend.

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 [Jackson.Quan@ucop.edu](mailto:Jackson.Quan@ucop.edu), or call at (510) 987-0464.

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