



OFFICE OF THE SENIOR VICE PRESIDENT —  
BUSINESS AND FINANCE

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|     |                   |  |
|-----|-------------------|--|
| Re: | Release:          | 1802   |
|     | Ref Release:      | 1304, 1401, 1424, 1440, 1460, 1465, 1487   |
|     | Service Requests: | 3087, 14888, 17315, 80134  |
|     | Error Reports:    | 1864, 1901, 1933, 1952, 1987, 2066, 2072, 2095, 2145   |
|     | Programs:         | PPCTCALE, PPCTCALU, PPCTGTNE, PPCTR01, PPCTR02, PPCTR14, PPCTR16, PPCTR33, PPCTR34, PPCTT27, PPCTT36, PPP004 |
|     | Copy Members:     | None   |
|     | Include Members:  | None   |
|     | DDL Members:      | None   |
|     | Bind Members:     | None   |
|     | CICS Maps:        | None   |
|     | CICS Help:        | None   |
|     | Forms:            | None   |
|     | Table Updates:    | System Messages Table  |
|     | Urgency:          | Not Urgent (see Timing of Installation below)  |

This release addresses the following Error Reports:

**Error Report 1864**

It has been reported that an erroneous day entry could not be deleted from the System Calendar Table PPCAD where two different day entries were associated with the same MO Check Date.

Currently, the delete logic in PPCTCALE only deletes an entire month in which the associated day entries are automatically deleted as well. For information only: when making changes to the data on the System Calendar PPCAL and/or PPCAD tables, all required data values must be entered on the Change Type transaction, similar to an Add Type transaction.

PPCTCALE and PPCTCALU should be modified to allow the deletion of a day entry from the System Calendar Table PPCAD.

**Error Report 1901**

It has been reported that the first line of the detail print line in report PPP0416 (Advance E.I.C. Payments) contains garbage characters embedded between the actual print data.

Currently, the logic in program PPCTR16 initializes the detail line to spaces starting with the second and subsequent detail lines, causing garbage characters to be printed on the first detail line. Research indicated that the entire working storage detail line was not set to spaces in the initialization process.

PPCTR16 should be modified to initialize the first detail line in section 1000-PROGRAM-INITIALIZATION SECTION.

**Error Report 1933**

It has been reported that when attempting to delete an entry from the Employee Support Table PPESP, the delete transaction is rejected and message 01-965 (**TRANS REJECT EMP SUPP TABLE – ACCOUNT OR FUND NUMBER IS NOT NUMERIC**) is issued.

Research indicated that program PPCTT27 did not move the Account Range, Fund Range, or Account/Fund Range from the input transaction into the linkage area associated with the table key editing process.

PPCTT27 should be modified to move the input Account Range, Fund Range, or Account/Fund Range into the linkage area.

#### **Error Report 1952**

It has been reported that module PPCTCALE does not validate the entered Last-Day-Of-The-Month value as being other than numeric, allowing out of range values to be input. Research indicates that the module is missing logic to validate the entered Last-Day-Of-The-Month as being the actual last day of the month value. Thus, an entered Last-Day-Of-The-Month value that is either greater than or less than the actual last day of the month value is erroneously accepted.

PPCTCALE should be modified to edit the input Last-Day-Of-The-Month for a valid last day of the month value.

#### **Error Report 1987**

It has been reported that when adding Processing Group Table (PGT) entries with 16 or fewer input triggers on the transaction, module PPCTT36 added a superfluous PGT row with a blank PGT Routine Type and zero PGT Routine Number.

PPCTT36 should be modified to not add a superfluous PGT row containing a blank PGT Routine Type and zero PGT Routine Number when 16 or fewer triggers are entered.

#### **Error Report 2066**

It has been reported that module PPCTGTNE initialized the GTN Direct Deposit Indicator from a value of 'Y' to blank when updating the GTN Liability FAU data. Research indicates that when updating any GTN data value, the GTN Direct Deposit Indicator value of 'Y' is set to blank.

PPCTGTNE should be modified to *not* change the GTN Direct Deposit Indicator value from 'Y' to blank when processing Change Type transactions.

#### **Error Report 2072**

It has been reported that when the GTN-DISPLAY-IGTN column value is **blank** on the Gross-to-Net (GTN) Table, module PPCTR02 does not display the word 'IGTN' under the column heading 'DISPLAY' on the Gross-to-Net Table Report PPP0402.

Note that the valid value of 'Y' or **blank** is stored in the GTN-DISPLAY-IDED, GTN-DISPLAY-IRET, and GTN-DISPLAY-IRTR columns; the word 'IDED', 'IRET', or 'IRTR' respectively is displayed under the column heading 'DISPLAY' of the Gross-to-Net Table Report PPP0402 if the associated column contains a value of 'Y' (blank is treated as 'no'). The valid value of 'Y', 'N', or **blank** (blank is treated as 'Y') is stored in the GTN-DISPLAY-IGTN column. However, the logic in PPCTR02 treats a blank value as 'no' for the GTN-DISPLAY-IGTN column.

PPCTR02 should be modified to display the word 'IGTN' under the column heading 'DISPLAY' when the GTN-DISPLAY-IGTN column value is blank.

#### **Error Report 2095**

It has been reported that when the employer related retirement rate is stored as zeroes (0.0000) on the Benefits Rates Table, the retirement rate is displayed on the Benefits Rates Table Report PPP0414 as blank (no rate to display). Research of module PPCTR14 indicates that the retirement print field definition in working storage assigns a blank to the retirement print field when the retirement is zero. The Benefits Rates Table Report PPP0414 should display the stored retirement value rather than a blank.

PPCTR14 should be modified to display the stored zero retirement rate as .0000 rather than blank on the Benefits Rates Table Report PPP0414.

### **Error Report 2145**

It has been reported that modules PPCTR01, PPCTR33, and PPCTR34 do not contain logic similar to other existing PPCTRnn reporting modules that set a Return Code Flag field to a value of '99' in section 999999-SQL-ERROR to signal that a negative SQL Code has been encountered. Research also indicates that main driver program PPP004 is missing logic that determines whether the value of '99' in the CTPI-RETURN-CODE field is passed via the linkage area when a negative SQL Code is encountered in any of the reporting modules (PPCTRnn). Thus, an erroneous return code of '0' (normal) is displayed at the end of job.

PPCTR01, PPCTR33, and PPCTR34 should be modified to pass a value of '99' in the CTPI-RETURN-CODE field of the linkage area when a negative SQL Code is encountered. In addition, PPP004 should be modified to detect a value of '99' in the CTPI-RETURN-Code field of the linkage area passed from the PPCTRnn modules.

### **Programs**

#### **PPCTCALE**

This module edits the input System Calendar Table data.

Edit logic has been added to validate the entered Last-Day-Of-The-Month value. If the entered value is not equal to the actual last day of the month, message 01-373 (CALENDAR: PERIOD END DAY IS NOT VALID LAST DAY OF MONTH) is issued with a severity level of '5' (Transaction Reject).

In addition, specific logic has been added to allow for the deletion of a specific day entry, similar to the existing logic to delete a specific month entry. The existing logic where a delete transaction must contain a day value of '00' in columns 10 through 11 has been removed, and the message 01-332 (CALENDAR: DELETE REQUESTED BUT DAY NOT "00") has been removed. Logic has been added to determine whether the delete transaction is associated with month entry or day entry via the day value entered in columns 10 through 11. Currently, existing logic required an entered day value of '00' in the delete process. The entered month and year are assigned to the Calendar Table Key and used to access the Calendar Table **PPPCAL** to verify that the specific month row exists. Similar logic has been added such that if the day value entered is not '00', the entered month, day, and year are assigned to the Calendar Table Key and used to access the Calendar Table **PPPCAD** to verify that the specific day row exists. If the specific day row does not exist, existing message 01-029 (TRIED TO "DELETE" A RECORD THAT DOES NOT EXIST) is issued with a severity level of '5' (Transaction Reject).

#### **PPCTCALU**

This module does the updates (delete, add, change) to the System Calendar Table.

Logic has been added to PPCTCALU so that a deletion of a specific day entry is possible. If the transaction is a delete type and the day value is not zero, then the day entry is deleted from the System Calendar Table **PPPCAD** via the System Calendar Table Key consisting of Month, Day, and Year values.

#### **PPCTGTNE**

This module edits the input Gross-to-Net Table data.

PPCTGTNE has been modified such that the GTN Direct Deposit Indicator column is added to the DB2 Select statement in section 9000-SELECT-GTN.

#### **PPCTR01, PPCTR33, PPCTR34**

PPCTR01 contains logic to print the System Parameter Table Report PPP0401. PPCTR33 contains logic to print the Title Code Table Report PPP0433. PPCTR34 contains logic to print the Salary Grade Table Report PPP0434.

Logic has been added such that when a negative SQL Code is encountered in section 999999-SQL-ERROR, the CTPI-RETURN-CODE field is set to a value of '99'.

#### PPCTR02

PPCTR02 contains logic to print the System Calendar Table Report PPP0402.

Currently, existing logic assigns the word 'IGTN' to the Display Print field when the GTN-DISPLAY-IGTN value is not blank.

That logic has been modified such that if the GTN-DISPLAY-IGTN is not equal to 'N', the word 'IGTN' is assigned to the Display Print field.

#### PPCTR14

PPCTR14 contains logic to print the Benefits Rates Table Report PPP0414.

Currently, the existing logic assigns a blank to the Employer Retirement Rate print field if the Employer Retirement Rate stored on the Benefits Rates Table is zero (0.0000).

Logic has been modified such that if the Employer Retirement Rate is zero, the actual stored retirement rate is assigned to the Employer Retirement Rate print field.

#### PPCTR16

PPCTR16 contains logic to print the Advance E.I.C. Payments Table Report PPP0416.

Logic has been added to initialize the print line in section 1000-PROGRAM-INITIALIZATION.

#### PPCTT27

PPCTT27 contains logic to process the input Employee Support Program transactions.

Logic has been added to assign the entered FAU data (Account Range, Fund Range, or Account/Fund Range) to the Linkage Area in section 2000-PROCESS-TRANSACTIONS.

#### PPCTT36

PPCTT36 contains logic to process the input Processing Group Table transactions.

Logic has been added such that the final value in index IX2 is decreased by 1 after the last loop is performed in the existing PERFORM VARYING statement in section 2200-MOVE-TRANSACTION-DATA.

#### PPP004

Currently, PPP004 is the driver program that handles the various input control table update transactions returned from called modules PPCTLSRT and PPCTLTRD, and then determines which appropriate modules to call for further processing.

Logic has been added to check the value in the CTPI-RETURN-CODE field of the linkage area passed from the PPCTRnn modules. If the value is '99', then a value of '9' is assigned to the WF-ERROR-FLAG field so that PPP004 can immediately terminate the process.

### **Table Updates**

#### System Messages Table

This table contains the system messages used by the various base programs. The specific message from the System Messages Table is retrieved via a call to the utility module PPMSSG2, and the message text is returned to the calling program.

System Message 01-373 containing the text of “CALENDAR: PERIOD END DAY IS NOT VALID LAST DAY OF MONTH” with severity level of ‘5’ (Transaction Reject) has been added to the System Messages Table. In addition, System Message 01-332 containing the text of “CALENDAR: DELETE REQUESTED BUT DAY NOT 00” has been removed from the System Messages Table.

**Installation Instructions**

1. Install the following modified copy member:
2. COBOL 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); 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.

Install, compile, and link the following *modified* program:

| PROGRAM  | DB2? | Compile Type | Package Bind? | Done? |
|----------|------|--------------|---------------|-------|
| PPCTCALE | Yes  | Batch        | No            |       |
| PPCTCALU | Yes  | Batch        | No            |       |
| PPCTGTNE | Yes  | Batch        | No            |       |
| PPCTR01  | Yes  | Batch        | No            |       |
| PPCTR02  | Yes  | Batch        | No            |       |
| PPCTR14  | Yes  | Batch        | No            |       |
| PPCTR16  | Yes  | Batch        | No            |       |
| PPCTR33  | Yes  | Batch        | No            |       |
| PPCTR34  | Yes  | Batch        | No            |       |
| PPCTT27  | No   | Batch        | No            |       |
| PPCTT36  | Yes  | Batch        | No            |       |
| PPP004   | Yes  | Batch        | No            |       |

3. Plan Bind

| Bind Plans | Done? |
|------------|-------|
| PPP004     |       |

4. Testing

Perform installation verification testing as described in the Test Plan.

Perform any desired additional campus testing.

5. Install in production

Place modified objects in production

6. Control Table Updates

Execute **PPP004** to update the following DB2 CTL tables with release transactions.

- System Messages Table (08)

Use the transactions in PAYDIST.R1802.CARDLIB (**MSGPROD**). These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

*Do not use the other members provided in the CARDLIB PDS; they are used for testing only.*

#### 7. Cleanup of Processing Group Table

The PGT rows containing blank PGT Routine Type and zero PGT Routine Number can be deleted via the member PPOT1802 in the PAYDIST.R1802.DDL library. Replace the \*AUTHID\* with the appropriate authorization ID value.

#### **Test Plan**

A separate Test Plan document is provided for this release.

#### **Timing of Installation**

The timing of this release is **Not Urgent**.

To correct the anomalies described in the various Error Reports above, this release should be installed.

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, or call (510) 987-0464.

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