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Re: Release: 1205
    Service Request: 12852
    Error Reports: 1581
    Reference Release: 1087
    Programs: None
    DB2 Programs: PPP360, PPEDTMGR
    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)

This release is concerned with the following error report:

**Error Report 1581**

Error Report 1581 states that a problem in the date conversion logic in program PPEDTMGR caused program PPEDTLAR not to issue the message 36-016 ‘EMPLOYMENT STATUS INVALID – SEPARATED NOT W/IN ACCEPTABLE PERIOD’ (severity level of ’3’ - Warning) when an employee will receive pay after being separated for a certain number of months.

After further research of the problem, message 36-014 ‘EMPLOYMENT STATUS INVALID – INACTIVE NOT WITHIN ACCEPTABLE PERIOD’ (severity level of ’3’ - Warning) also is not issued in program PPEDTLAR when an employee will receive pay after being inactive for a certain number of months. In addition, the same logic problem found in program PPEDTMGR is found in program PPP360.

An invalid last day of the month may occur until the total number of iterations of subtracting one from the Pay Period End Month has been reached. For example, the month of July has a total of 31 days. After subtracting the month of July by 3
iterations, the calculated month of April has an invalid number of days (31 days). Thus, when the Date Conversion routine converts the April Date to an ISO date, the invalid date is converted to a Low ISO date of ‘0001-01-01’.

**DB2 Programs**

**PPP360**

The date conversion logic in section DATE-ADJUSTMENT-0360 has been corrected.

The Pay Period End Date is moved to a Work Date. After each iteration where the Work Month is subtracted by 1 and the calculated Work Month is not equal to zero, the specific Date Conversion routine is called to convert the calculated Work Date to an ISO Date. If the Invalid Date Flag is returned from the Date Conversion routine, the first day (01) is moved to the Work Day field of the calculated Work Month. The specific Date Conversion is called to return the last day of the calculated Work Month. Finally, the last day of the calculated Work Month returned from the Date Conversion routine is moved to the Work Day field. After the last iteration, existing logic moves the new Work Date to several Limit Date fields.

**PPEDTMGR**

The date conversion logic in section 1510-DATE-ADJUSTMENT has been corrected.

The Pay Period End Date is moved to a Work Date. After each iteration where the Work Month is subtracted by 1 and the calculated Work Month is not equal to zero, the specific Date Conversion routine is called to convert the calculated Work Date to an ISO Date. If the Invalid Date Flag is returned from the Date Conversion routine, the first day (01) is moved to the Work Day field of the calculated Work Month. The specific Date Conversion is called to return the last day of the calculated Work Month. Finally, the last day of the calculated Work Month returned from the Date Conversion routine is moved to the Work Day field. After the last iteration, existing logic moves the new Work Date to the KEDT-LIMIT-DATE field.

**Test Plan**

A complete test plan is provided with this release.

Campuses are encouraged to use the base system test materials, as well as performing any other desired local tests.

**Installation Instructions**

1. Modify and install DB2 programs PPP360 and PPEDTMGR.
2. DB2-pre-compile, compile, and link DUAL program PPEDTMGR into the Batch Loadlib and On-line Loadlib.
3. DB2 pre-compile, compile, and link BATCH program PPP360 into the Batch Loadlib.
5. Bind the Package for PPEDTMGR.
6. Perform the Test Plan, and any local tests as desired.
7. Install PPP360 and PPEDTMGR into production.
Timing of Installation

This release is not urgent.

However, it is suggested that this release be installed as soon as possible to ensure that those separated and/or inactive employees who are receiving pay after being separated and/or inactive for a certain number of months are reported on the PPP3601 Report.

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

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