January 7, 2000

CHESTER FERGUSON  JOHN MOREHEAD
MABEL LAI  CAROLINE RIDER
BOB MERRYMAN  BARBARA VANDEN BORRE

Re: Release: 1269
Service Request: 12852
Error Reports: None
Programs: PPP170, PPP340, PPP380, PPP520, PPVRTHFO, USER08
Copymembers: CPLNKOTR, CPWSLVAS
Include Members: None
Bind Members: None
CICS Maps: None
Forms: None
Table Updates: None
Urgency: Date-Mandated (See Timing of Installation)

Service Request 12852

Service Request 12852 requested modification of the Payroll/Personnel System (PPS) to properly process data in the next century. Recent improvements in technology allowed us to submit all PPS code for a compliance review. Based on this review, Release 1265 corrected several areas of the system where potential problems still existed. This current release corrects the few remaining areas that were not as time critical as those issued in Release 1265.

Of special concern in this current release are the modifications to program PPP520 and related copymember CPWSLVAS. If your campus automatically processes Leave Assessments (i.e., System Parameter 051 is “2”), the related release modifications should be in place prior to running the Expense Distribution process for January’s month-end.

Programs

PPP170

The LAST-CHG-DATE (not printed on the base PAF) from the EDB PER Table contains a date with century format which is not aligned with the non-century receiving work field. The standard date routine will now perform a proper date conversion to the receiving field. This change will probably have no effect on your local PAF.

PPP340

PPP340 permits the establishment of a "Check Release Date" independent of the actual "Check Date" (which is required). The use of this feature is optional and, as far as we know, the feature is not used by any campus. The feature includes an edit which prevents the "Check Release Date" from being more than 15 days on either side of the "Check Date". The code which performed this edit was inaccurate and has been replaced with code which accurately calculates the number of days between the two dates.
PPP380

Modifications to PPP380 will correct a minor sequence variance in the order of earnings distribution placement on the Consolidated Payroll Activity (CPA) record and hence, the Payroll Audit Record (PAR). Normally, for certain Transaction Code groups (e.g., “RA” Retroactive Payments), the sequence of distributions for the employee record is ascending date order. Without the release modifications, distributions for the affected Transaction Code groups may not be in strict ascending order. This change will have no PPS impact other than PAR distribution display order.

PPP520

Program PPP520 contains two areas of modifications. First, the century has been added to the load of the Earnings Date in the linkage area passed to the Leave Assessment module, PPLVASM. Without this modification, the earnings entry will not be matched to the Leave Accrual Table (PPLATUTL via PPLVASM) and no leave assessment charges will be made by PPP520.

The second area of modification will cause the inclusion of the century within the PPP520 sort key field containing the Pay Period End Date. This change is made for program maintenance consistency and will cause no discernable difference in the output of PPP520. (That is, this is the Pay Period End Date in which the earnings distribution was processed rather than the “earnings” date. For the monthly process, all Pay Period End Dates will be in the same month. Therefore, including the century is moot.)

PPVRTHFO

The value/range edit module for the THF Entry/Update process contained a date verification routine that did not recognize Leap Year 2000. The new logic now accepts year 2000 as a leap year, and properly sets the month boundary to 29 days.

USER08

In the Procedure Division, TRAN-RECORD (defined with a length of 323) is moved to TRIGGER-RECORD (defined with a length of 319). The variance is because TRAN-EFF-DATE (TRAN-RECORD) is defined with a formatted length of 10 (which includes the century), while the TRIG-EFF-DATE (TRIGGER-RECORD) is defined with a length of 6. The improper field length has been modified to be consistent with the sending field. Note that this change impacts logic that was only used for a prior EDB conversion effort that has long since completed by all campuses.

Copymembers

CPLNKOTR

During the Gross Pay Derivation process (program PPP390), when a “premium overtime” distribution is included in an “overtime/TOC set”, the Appointment Type of the “premium” overtime distribution may be truncated while being passed in/out of an intermediate work area. To correct this problem, the transaction length defined in CPLNKOTR has been increased to conform to the expanded FAU initiated in Release 1138.

CPWSLVAS

The Earnings Date has been expanded to include the century. This change allows proper interface between PPP520, PPLVASM, and PPLATUTL so that assessments for Leave Accrual are charged.

Test Plan

Since many of the areas of concern identified by the code review process are either potential problems or situations which are seldom encountered, it is difficult to develop adequate and cohesive, but non-voluminous test data. The code changes released herein are generally minor. No formal test plan or test data is provided with this release. There should be no change to normal PPS functionality associated with this release.
Installation Instructions

1. Install modified Copymembers.

2. Install, compile, link and bind the **modified** programs listed in the following table

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3. Install, compile, link and bind the **unmodified** programs listed in the following table

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Note that Plan Binds should be run **after** modified and unmodified programs have been compiled.

Timing of Installation

The installation of this release is date-mandated.

This release includes code modifications that should be placed in production prior to the execution of the Distribution of Payroll Expense to process January’s earnings.

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