April 30, 2008

BEATRICE CARDONA BARBARA VANDEN BORRE
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Re: Release: 1817
Service Requests: None
Programs: PPAPTDPT, PPEC001, PPEC002, PPEC050, PPEC101, PPEI002, PPEI053, PPEI404 (new), PPEI405 (new), PPEI406 (new), PPEI407(new), PPEM111, PPPTITLE, USER08, USER12
Copy Members: CPWSDOSC, CPWSEMPA, CPWSW88S
Include Members: None
DDL Members: None
Bind Members: None
CICS Maps: None
CICS Help: None
Forms: None
Table Updates: Systems Messages, Data Element, Processing Group, Routine Definition
Urgency: Not Urgent (see Timing of Installation below)

This release addresses the following Error Reports:

**Error Reports 1802/2014**

ER 1802 and 2014 both note that PPPTITLE does not correctly derive a primary title when the first appointment encountered is future and the next appointment is current and has the same title code (the primary title is set to zero).

**Error Report 1929**

ER 1929 notes that DB2 errors from PPTCTUTL are not detected by calling programs USER08 or USER12.

**Error Reports 1988, 1989**

ER 1988 notes that PPEC009, which edits the title code/appointment representation code/appointment sub-location, is called before the appointment representation code has been set (by PPCB01, called by PPEM111). ER 1989 notes a similar issue for PPEC002, which edits the FLSA code (and other fields associated with the title code).

It was also noted during testing that the FLSA derivation behaved differently depending on whether sub-location was in use.

**Error Report 2138**

ER 2138 notes that Duration of Appointment values C and S should be added to the set of values that will derive an Appointment End Date of indefinite if the entered Appointment End Date is blank.
Error Report 2140

ER 2140 notes that the appointment without salary indicator can be changed by four programs, but the value must be set prior to the call to PPCB01.

Error Report 2151

ER 2151 notes that PPEM111 does not include the data element number for the Derived BELI (EDB 0375) when error 08-301 is generated.

Error Report 2153

ER 2153 notes that explicitly deleted distributions are not triggering a recalculation of appointment pay rate; CPLNKAP1 (the interface for PPAPTRAT) is not defined as EXTERNAL in USER12, where values are set for use by PPEM109/PPAPTRAT.

The error reports indicated that certain key derivations for appointments and distributions were not occurring in the correct order. The dependencies, in top-down order, are (derived values are bold):

- the **Appointment FLSA Status Indicator** (EDB2005) is dependent on the appointment Title Code (EDB2006), Appointment Representation Code (EDB2031), and optional Appointment Department Sub-location (EDB2009)
- the **Appointment Representation Code** is dependent on the Employee Relations Code (EDB0160), Appointment Type Code (EDB2020), **Title Unit Code** (EDB2029), and the **Appointment Without Salary Indicator** (EDB2028)
- the **Title Unit Code** is dependent on the Title Code
- the **Appointment Without Salary Indicator** is dependent on the Time Reporting Code (EDB2017), the Appointment Rate Code (EDB2015), and the Distribution of Service Codes (EDB2056) of the distributions associated with the appointment
- the **Appointment Department Sub-location** is dependent on the **Distribution Department Code** (EDB2061) of the distributions associated with the appointment
- the **Distribution Department Code** is dependent on the Full Accounting Unit (EDB2043) of the distribution

The derivations should happen in the order below:

A. the following can be derived from the Title Code (EDB2006) common information; currently done by PPEI002 and USER08:
   1. Personnel Program (EDB2007)
   2. Special Benefits Contribution/Retirement Code (EDB2021)
   3. Title Unit Code (EDB2029)
   4. Title Special Handling Code (EDB2030)

B. the following can be derived from the Full Accounting Unit (EDB2043); currently done by USER08 and USER12:
   1. Distribution Department Code (EDB2061)

C. the following can be derived from the Time Reporting Code (EDB2017), the Appointment Rate Code (EDB2015), and the Distribution of Service Codes (EDB2056) associated with an appointment; currently done by PPEI053, PPEI100, PPEI203, and USER12:
   1. Appointment Without Salary Indicator (EDB2028)
D. the following can be derived from the Employee Relations Code (DE0160), Appointment Type (EDB2020), the Title Unit Code (EDB2029), and the Appointment Without Salary Indicator (EDB2028); currently done by PPEM111/PPCB01:

1. Appointment Representation Code (EDB2031); depends on A and C

E. the following can be derived from the Distribution Department Code (EDB2061); currently done by PPEM109/PPAPTDPT:

1. Appointment Department Code (EDB2032); depends on B
2. Appointment Department Sub-location (EDB2009); depends on the Appointment Department Code (EDB2032)

F. the following can be derived from the Personnel Program (EDB2007), Title Unit Code (EDB2029), Title Special Handling Code (EDB2030), Appointment Representation Code (EDB2031), Employment Service Credit Months (DE0719), and Prior Service Months (DE0146); currently done by PPEM109/PPAPTLAC if the automatic leave accrual code derivation Systems Parameter (069) is set to 1:

1. Leave Accrual Code (EDB2018); depends on A and D

G. the following can be derived from the Title Code (EDB2006), the Appointment Representation Code (EDB2031), and the Appointment Department Sub-location (EDB2009); currently done by PPEI002 and USER08, and can be overridden via online function ECFL and via batch:

1. Appointment FLSA Status Indicator (EDB2005); depends on D and E

To ensure that these values are derived in the correct order, EDB Maintenance was changed to relocate most of the current derivation logic to a set of new programs; these programs are called prior to any of the appointment and distribution consistency edits and implied maintenance.

A new program (PPEI404) was written to derive title data and distribution department (items A and B).

A new program (PPEI405) was written to derive the appointment WOS indicator (item C).

A new program (PPEI406) was written to call PPCB01 to derive the Appointment Representation Code (item D), and the call to PPCB01 was removed from PPEM111. PPEM111 also calls PPPBELI; the split is necessary to ensure that PPEM111/PPPBELI continues to run after PPCB01 and PPFICRET have run. PPFICRET is called by PPEI205, which occurs later in the edit/update process.

PPEM109 will continue to call PPAPTDPT to derive the Appointment Department Sub-location (item E) and PPAPTLAC (during Monthly Periodic Maintenance) to derive the Leave Accrual Code (item F).

A new program (PPEI407) was written to derive the Appointment FLSA Status Indicator (item G).

**Programs**

**PPAPTDPT**

PPAPTDPT is called by PPEM109 to derive appointment department. It also derives sub-location when the system parameter 263 that specifies that sub-location is in use has been turned on. PPAPTDPT was modified to clear the distribution flags that indicate whether a DOS code is REG or REG-type.
PPEC001
PPEC001 performs basic consistency edits for an appointment. PPEC001 was modified to use a new level-88 value in CPWSW88S to identify indefinite duration of appointment values, and the salaried and without-salary appointment edits were relocated to new program PPEI405.

PPEC002
PPEC002 performs consistency edits on the title and related fields of an appointment. PPEC002 was modified to remove the comparison of the appointment Personnel Program to the TCT Personnel Program value (the appointment value will have been set to the TCT value in PPEI404) and to remove the edit of the FLSA indicator (the indicator will have been set and edited by new program PPEI407).

PPEC050
PPEC050 performs consistency edits across all appointments. PPEC050 was modified to include the collection of appointment pay schedule and leave accrual codes that are tested by PPEC050 (the collection had been done by PPEI203). It was also modified to summarize appointment percent full time values that are tested by PPEC050 (the summarization had been done by USER08).

PPEC101
PPEC101 performs consistency edits and maintenance on retirement, FICA, and DCP codes. PPEC101 was modified to include the collection of TCT retirement codes (type 1) that are tested by PPEC101 (the collection had been done by USER08).

PPEI002
PPEI002 performs consistency edits and maintenance on the title and related fields of an appointment. PPEI002 was modified to remove the setting of TITLE_UNIT_CODE, APPT_SPCL_HNDLG, RETIREMENT_CODE, and PERSONNEL_PGM, and the editing and setting of APPT_FLSA_CODE. In addition, it was modified to remove the comparison of the appointment Personnel Program to the TCT Personnel Program value (the appointment value will have been set to the TCT value in PPEI404) and to remove the edit of the FLSA code (the code will have been set and edited by new program PPEI407).

PPEI053
PPEI053 performs consistency edits and maintenance on additional distribution data. PPEI053 was modified to remove the setting of APPT_WOS_IND.

PPEI404 (new)
PPEI404 sets appointment and distribution values that can be derived directly from entered values in the appointment or distribution. It derives several values from a title’s common information and derives the distribution department from the FAU; it sets the appointment end date to indefinite if it is blank and the duration of appointment value is any of several indefinite types.

PPEI405 (new)
PPEI405 derives the appointment WOS indicator and performs consistency edits for salaried and without-salary appointments. The appointment WOS indicator was previously set by four programs and edited by a fifth program. In order to preserve the existing processing, each appointment

- receives a preliminary WOS indicator based on the time reporting code and the presence or absence of WOS distributions
- is edited for salaried or without-salary appointment attributes
- receives a final WOS indicator based on the presence of any paid distributions
It has been (and will continue to be) possible, therefore, for an appointment to have a time reporting code of W (without salary) and to be edited as a without-salary appointment, yet end up with a warning message and an appointment WOS indicator of N (not WOS) because the appointment has a paid distribution.

**PPEI406 (new)**
PPEI406 calls PPCB01 to set all the collective bargaining codes for the employee. The call to PPCB01 will continue to set the APPT_REP_CODE (EDB2031), among other collective bargaining codes; the call was removed from PPEM111.

**PPEI407 (new)**
PPEI407 sets the FLSA values for all appointments.
The APPT_FLSA_IND (EDB2005), which can be entered via Online EDB Entry/Update function ECFL, requires TITLE_CODE (EDB2006), APPT_REP_CODE (EDB2031), and APPT_SUB_LOCATION (EDB2009) to call PPTCTUTL (READ CHOSEN MEDIUM) to retrieve the title code’s FLSA value.

**PPEM111**
PPEM111 performs consistency edits and maintenance to re-derive the Benefits Eligibility Level Indicator (BELI) and related fields. PPEM111 was modified to remove the call to PPCB01, which will now be done by new program PPEI406.

**PPPTITLE**
PPPTITLE derives the employee's primary title code and/or job group identifier. PPPTITLE was modified to initialize counters when a current appointment is found and the previous appointments were future.

**USER08**
USER08 is the driver for the EDB maintenance edit process. USER08 was modified to remove the setting of DIST_DEPT_CODE and APPT_FLSA_CODE. Unused WORKING-STORAGE items were removed. The PPAPTRAT DOS table is loaded; it is copied to the DOS table used by PPAPTDPT. PPTCTUTL is called during initialization to ensure there are no DB2 abends. Some data collection related to appointments was moved to the programs that test the collected data. Processing groups 025 and 013 were removed.

**USER12**
USER12 is the driver for the EDB maintenance update process. USER12 was modified to remove the setting of DIST_DEPT_CODE. Unused WORKING-STORAGE items were removed. PPTCTUTL is called during initialization to ensure there are no DB2 abends. The adjustment of the appointment WOS indicator was removed. Processing Group 004 was added (to be run for all employees after Processing Group 001 and before Processing Group 003), and Processing Group 006 was removed. The PPCB01 interface areas are initialized for every employee (PPCB01 now runs only for changed employees).

**Copy Members**

**CPWSDOSC**
CPWSDOSC defines several DOS constants. It was modified to include a level-88 entry for without-salary DOS codes (currently WOS and PDW).

**CPWSEMPA**
CPWSEMPA defines an EXTERNAL work area for EDB edit/update. It was modified to replace items that are no longer global with FILLER.
CPWSW88S
CPWSW88S contains 88-levels for several of the EDB data elements. It was modified to include a single entry for all indefinite duration of appointment values.

Table Updates

System Messages Table
The following messages were changed:

- 08-085 (new text: UNABLE TO DERIVE FLSA - NO TCT DATA FOR TITLE AND REP CODE) – items to be displayed as references; severity level is currently ‘7’ (employee eject) for online and batch
- 08-029 (NO SALARIED DISTR MAY APPEAR IN A "WOS" APPOINTMENT) – changed severity from ‘3’ (warning) to ‘4’ (data override)
- 12-060 (MISSING REQUIRED MINIMUM APPOINTMENT DATA) – changed severity from ‘7’ (employee reject) to ‘4’ (data override); the employee is not actually rejected

The following messages were added:

- 12-085 (UNABLE TO DERIVE FLSA - NO TCT DATA FOR TITLE AND REP CODE) – severity level of ‘7’ (employee reject) for online and batch
- IM-405 (IMPLIED MAINT EDIT 405 FAILED (WOS) – severity level of ‘7’ (employee reject for online and batch
- IM-407 (IMPLIED MAINT EDIT 407 FAILED (FLSA) – severity level of ‘7’ (employee reject) for online and batch

Data Element Table
The following EDB data elements were modified:

- Appointment End Date (EDB2003), to remove trigger I203
- Duration of Employment (EDB2004), to remove trigger I203
- Time Reporting Code (EDB2017), to remove trigger I203
- Title Code (EDB2006), to remove trigger C009
- Appointment Department Sub-location (EDB2009), to remove trigger C009

Processing Group Table

- Processing group 025 for Program ID 08 was removed (it executed PPEM109 unconditionally)
- Processing group 013 for Program ID 08 was removed (it executed PPEC009 for trigger C009)
- Processing group 003 for Program ID 08 was removed (it executed PPEI203 unconditionally)
- PPEI404 is executed in Program ID 08, Processing Group 003, Processing Sequence 0020. PPEI404 is executed unconditionally.
- PPEI405 is executed in Program ID 08, Processing Group 003, Processing Sequence 0030. PPEI405 is executed unconditionally.
- PPEI406 is executed in Program ID 08, Processing Group 003, Processing Sequence 0040. PPEI406 is executed unconditionally.
- PPEM109 is executed in Program ID 08, Processing Group 003, Processing Sequence 0050. PPEM109 is executed unconditionally.
- PPEI407 is executed in Program ID 08, Processing Group 003, Processing Sequence 0060. PPEI407 is executed unconditionally.
- Processing group 006 for Program ID 12 was removed (it executed PPEI100 unconditionally)
- PPEI404 is executed in Program ID 12, Processing Group 004, Processing Sequence 0020. PPEI404 is executed unconditionally.
- PPEI405 is executed in Program ID 12, Processing Group 004, Processing Sequence 0030. PPEI405 is executed unconditionally.
- PPEI406 is executed in Program ID 012 Processing Group 004, Processing Sequence 0040. PPEI406 is executed unconditionally.
- PPEM109 is executed in Program ID 12, Processing Group 004, Processing Sequence 0050. PPEM109 is executed unconditionally.
- PPEI407 is executed in Program ID 012 Processing Group 004, Processing Sequence 0060. PPEI407 is executed unconditionally.
- PPEI406 is executed in Program ID 013 Processing Group 011, Processing Sequence 1106. PPEI406 is executed unconditionally.

Routine Definition Table
- PPEC009 was removed
- PPEI100 was removed
- PPEI203 was removed
- PPEI404 is added (I 404)
- PPEI405 is added (I 405)
- PPEI406 is added (I 406)
- PPEI407 is added (I 407)

Installation Instructions
A separate Installation Instructions document is provided for this release.

Test Plan
A separate Test Plan document is provided for this release.

Timing of Installation
The timing of 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.

If there are any questions, please send electronic mail to Caroline.Rider@ucop.edu, or call 949 837-1784.

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