Release 1053
Service Request 12817
Time on Call

TEST INSTRUCTIONS

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TEST PLAN:

The following test plan is for verification of the correct installation of this release. As always, the campuses are encouraged to use the base system test materials, as well as augmenting them with any desired local tests.

BATCH TESTING:

The REPORTS PDS members containing job listings, files and the attached RUNLOG coincide with the following test plan steps.

1. LOADEDDB. Load the test EDB.

2. RUN150. Load the test VSAM CTL. This contains the new System Messages. It does not contain the TOC Indicators used in later tests.

3. LOADCTL. Load the test DB2 CTL. This contains the test TCT and the updated System Messages. It does not contain the TOC Indicators used in later tests.

4. RUN250. Run PPP250 to produce the PPP2501 Data Base Record Display report for the entire EDB.

5. RUN010. Update the VSAM DOS table with TOC, FLSA and CSER indicators. Confirm the PPP0110 report displays the new fields and headings. results. **NOTE:** The traditional TOC DOS code "TOC" has not been updated with a TOC Indicator, and thus should not be treated as a TOC DOS code in these tests.

   a. I attempted to update REG with invalid values for all three indicators. All three FATAL messages were triggered, and the following report shows that the update did not occur.

   b. I attempted to update VAC with an FLSA indicator of "Y", but the FATAL message is triggered due to the "L" Pay Category, and the following report shows that the update did not occur.

   c. I attempted to update OSB with an FLSA indicator of "Y", but the FATAL message is triggered due to the "S" Pay Category, and the following report shows that the update did not occur.

   d. TO2, TO3, TC1, TC2 and TC3 were all successfully updated with valid TOC Indicator values of 1 through 3. TO2 and TO3 also were updated with valid FLSA and CSER indicators.

   e. The previous values for the three indicators for HAC were all successfully deleted via the *.
f. HBY previously had an FLSA indicator value of "Y". An attempt to update the Pay Category to "S" was rejected, proving that the consistency edit for the FLSA indicator works in both directions.

6. RUN851. Run PPP851 to update the DB2 DOS table from the updated VSAM DOS table.

7. SPUFIDOS. Print a SPUFI report showing the DOS codes that were updated by PPP851. This SPUFI report shows the new columns have been added to the DB2 DOS table and the data is being updated correctly.

8. RUN741. Run PPP741 to update the CDB PPPDOSH table from the CTL PPPDOS table. The previous CDB can be empty, therefore no load job was sent, but the CDB environment must be defined.

9. SPUFIDSH. Print a SPUFI report showing the History PPPDOSH data for the DOS codes that were updated via PPP010, PPP851 and PPP741. This shows the new columns have been added to the DB2 PPPDOSH table and the data is being updated correctly.

10. SPUFITPY. Print a SPUFI of the PPPTPY Title Code Table. It contains Staff TOC Rates, if any. For each title code there can be TOC Code 1, 2, or 3 for COVered and for UNCovered. The Rate Type can be P for percentage, or D for flat rate. The Rate can be zero, which is treated in the Compute as "no rate" or it can have a value appropriate to the Rate Type.

11. SPUFITPI. Print a SPUFI of the PPPTPI Title Code Table. It contains APS TOC Rates, if any. It is structured like the TPY table.

12. COMPTIME. Initialize the Compute process. This first job clears the PCR and THF, and creates the Time file. The Sequence Numbers of some of the WIDETIME transactions in the next step must match the Time file transactions' Sequence Numbers.

13. COMPEDIT. Run the edit for the Compute transactions. The PPP3601 Error Correction Report (see REPORTS(PRN360A)) should have the following results:

a. A large number of LX transactions for Employee ID's 000050013 and 000050019 were used to more obviously confirm that the correct TOC Rate was being searched for, i.e. that the TOC Indicator value matched the TOC Code, the employee coverage matched the TOC Rep Code, and that a non-zero TOC Rate existed, either percentage or flat rate Type. These transactions start about half way down the first page of the transactions. 000050013 is
UNCovered, 000050019 is COVered. For each Title Code, only five of the six possible rates exists with a non-zero value. The missing TOC Rate combination should show up as an error on the PPP3601 report, as they do. For example, 000050013, UNCovered, Title Code 7142, DOS code TC1 (which for convenience has TOC Indicator 1) is looking on the TPY table for the rate. The 7142, UNC Code 1 has a zero rate (despite the row existing, and claiming it is Percentage), so the transaction is rejected with error message 36-118 (because a rate DOES exist on the transaction).

b. A smaller, similar test involves the transactions just ahead of the those in (a).

i. 000050014 is UNCovered. There are LX transactions for DOS codes TC1, TC2 and TC3, Title Code 9148. These three rates all exist on the TPY table, so none of the transactions should be rejected, and they are not, per PPP3601. We will later confirm that the correct rate was used in the Compute.

ii. 000050020 is COVered. There are LX transactions for DOS codes TC1, TC2 and TC3, Title Code 9148. These three rates all exist on the TPY table, so none of the transactions should be rejected, and they are not, per PPP3601. We will later confirm that the correct rate was used in the Compute.

iii. 000050028 is has a coverage code of S, which should be treated as UNCovered. There are LX transactions for DOS codes TC1, TC2 and TC3, Title Code 9148. As for 000050014, these three rates all exist on the TPY table, so none of the transactions should be rejected, and they are not, per PPP3601. We will later confirm that the correct rate was used in the Compute.

Pardon, I seem to be going backwards on these transactions, but there are six more transactions with full Employee ID (in Batch BAT005), consisting of RX, LX, TX and AP transactions, all of which should be going through the common edits containing the new TOC Indicator logic.

i. 000050019 has an LX for Title Code 0767 and DOS code TOC. It does not appear on the PPP3601 report because a TOC Rate is not searched for since "TOC" no longer triggers the TOC Rate logic.

ii. however, 000050076 has an AP for Title Code 0767 and DOS code TC2. It does get rejected because TC2 has a TOC Indicator 2, and no rate exists for 0767.
d. And completing the backwards journey, two of the Sequence Number transactions were rejected.

i. B0012 for 000050038, UNCovered, Title Code 8174 on the PPPTPY table does not have a rate, so it is rejected. DOS code TO3, on the same transaction, is valid, but the whole transaction is rejected,

ii. B0029 for 000050024, COVered, Title Code 5312 on the PPPTPI table does not have a rate, so it is rejected.

14. UNLDEDB2. NOTE: If you are using the same databases for batch and online testing perform the online test now. If you are not using the same databases, unload the EDB and retain it for loading into your test online databases.

15. UNLDCTL2. NOTE: If you are using the same databases for batch and online testing perform the online test now. If you are not using the same databases, unload the CTL and retain it for loading into your test online databases.

16. UNLDTHF2. NOTE: If you are using the same databases for batch and online testing perform the online test now. This also unloads the PCR and THF. If you are not using the same databases, unload the THF and retain it for loading into your test online databases.

17. COMPUTE. Run the B1 Compute. Use the PPP4401 report to confirm the results (see next). The PPP3903 Gross Pay Derivation report (see REPORTS(PRN3390A)) contains two things to note:

a. 000050019 and 000050076 both had message 39-033 issued. This is due to their having transactions using the "TOC" DOS code. Though I did not add the new TOC Indicator for "TOC", I also did not delete the "02" Calc Routine. No rate was searched for, but the Compute is still warning us that something doesn't make sense. In such cases the "full rate" will be used.

b. For 000050039 message 39-130 is issued warning that the recalculated premium rate is less than the regular rate. This condition can still occur and should be/is treated as before, i.e. the distribution rate is used despite the recalculation triggered by the TOC DOS code activity.

18. RUN440. Run the PPP4401 Payroll Audit Record report from the PAR created in COMPUTE. Confirm that the various Time-on-Call and overtime transactions resulted in the correct pay.
Time-on-Call
Test Instructions

a. 000050013. This has many transactions, six for TOC DOS code TC1, six for TOC DOS code TC2 and six for TOC DOS code TC3. As noted in the PPP3601 report, one title code per TOC DOS code was rejected due to a missing rate for that Title Code for UNCovered.

i. 7142 TC3 correctly found a flat rate TOC Rate of 2.3700. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

ii. 7173 TC3 correctly found a flat rate TOC Rate of 8.0000. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

iii. 7192 TC3 correctly found a flat rate TOC Rate of 1.1600. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

iv. 7193 TC3 correctly found a flat rate TOC Rate of 7.0000. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

v. 7196 TC3 correctly found a flat rate TOC Rate of 8.0000. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

vi. 7142 TC2 correctly found a flat rate TOC Rate of 1.3200. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

vii. 7191 TC2 correctly found a flat rate TOC Rate of 4.0000. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

viii. 7192 TC2 correctly found a flat rate TOC Rate of 1.3200. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

ix. 7193 TC2 correctly found a flat rate TOC Rate of 6.0000. A flat rate is moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

x. 7196 TC2 correctly found a flat rate TOC Rate of 9.0000. A flat rate is
moved to the rate field and thus appears on the PPP4401 report. The gross correctly reflects the time x rate.

xi. 7173 TC1 correctly found a percentage TOC Rate of 25%. A percentage rate is not moved to the rate field and thus the regular rate (1000.00 on the transaction / 174 (this person is MO) = 5.7471) appears on the PPP4401 report. The gross correctly reflects the time x rate x 25%.

xii. 7191 TC1 correctly found a percentage TOC Rate of 25%. A percentage rate is not moved to the rate field and thus the regular rate appears on the PPP4401 report. The gross correctly reflects the time x rate x 25%.

xiii. 7192 TC1 correctly found a percentage TOC Rate of 25%. A percentage rate is not moved to the rate field and thus the regular rate appears on the PPP4401 report. The gross correctly reflects the time x rate x 25%.

xiv. 7193 TC1 correctly found a percentage TOC Rate of 25%. A percentage rate is not moved to the rate field and thus the regular rate appears on the PPP4401 report. The gross correctly reflects the time x rate x 25%.

xv. 7196 TC1 correctly found a percentage TOC Rate of 25%. A percentage rate is not moved to the rate field and thus the regular rate appears on the PPP4401 report. The gross correctly reflects the time x rate x 25%.

xvi. In addition, an RX transaction for 7142 TO3 also found the correct flat rate (shown), and correctly calculated a negative gross from time x rate.

b. 000050014 had three transactions for title code 9148 and DOS codes TC1, TC2 and TC3.

i. 9148 TC3 found an UNC flat rate TOC Rate of 3.0000.

ii. 9148 TC2 found an UNC percentage rate of 9%.

iii. 9148 TC1 found an UNC percentage rate of 11%.

c. 000050019.

i. The TC1, TC2 and TC3 are like 000050013, except that they are the COVered rates. See how many bunnies you can find in the detail. One clue, not all the percentage rates are the same in this one.
II. There is also a 0767 TOC transaction. No rate is looked for because TOC does not have a TOC Indicator, and thus is not a TOC related DOS code. The gross is calculated as time x rate, like any other transaction.

d. 000050020, like 000050014, had three transactions for title code 9148 and DOS codes TC1, TC2 and TC3.
   
i. 9148 TC3 found an COV flat rate TOC Rate of 5.0000.
   
ii. 9148 TC2 found an COV percentage rate of 18%.
   
iii. 9148 TC1 found an COV percentage rate of 15%.

 e. 000050024.
   
i. 5312 TC2 found an COV flat rate TOC Rate of 5.2000.

f. 000050028, like 000050014, had three transactions for title code 9148 and DOS codes TC1, TC2 and TC3. This employee had an S coverage code and should be treated the same as UNC (i.e. should match the 000050014 figures).

   i. 9148 TC3 found an UNC flat rate TOC Rate of 3.0000.
   
ii. 9148 TC2 found an UNC percentage rate of 9%.
   
iii. 9148 TC1 found an UNC percentage rate of 11%.

 g. 000050030 has OT3 time, but no TOC recalculation.

 h. 000050031
   
i. 8904 TC1 found an UNC percentage TOC Rate of 25%.

 i. 000050038 had its B0012 transaction rejected in PPP360.

 j. 000050039 has lots of activity, including overtime and time-on-call on two transactions.
   
i. 9119 TC3 found UNC flat rate TOC Rate of 15.0000.
   
ii. 9119 TC2 found UNC percentage TOC Rate of 20%. 
iii. 9119 TC3 again found UNC flat rate TOC Rate of 15.0000.

iv. 9119 TC3 again found UNC flat rate TOC Rate of 15.0000.

v. The two OTS portions of the overtime are calculated at two rates per B0062 and TX transactions.

vi. Overtime premium rate is calculated by adding the REG, OTS and TOC dollars (4667.58) and dividing it by the sum of REG and OTS hours (477.50) to get rate 9.7750.

(1) The first OT2 uses this rate correctly.

(2) The second OT2, per the PPP3903 report, determines that this is less than the dist rate, and uses the 40.0000 rate instead.

k. 000050040 also has lots of activity, including overtime and time-on-call on two transactions.

   i. 9139 TO2 found COV percentage TOC Rate of 20%.

   ii. 9139 TC1 found COV percentage TOC Rate of 50%.

   iii. The two OTS portions of the overtime are calculated at two rates per B0036 and B0058 transactions.

   iv. Overtime premium rate is calculated by adding the REG, OTS and TOC dollars (2141.51) and dividing it by the sum of REG and OTS hours (99.15) to get rate 21.5986 used for both premium calculations.

l. 000050043

   i. 5323 TC1 found COV percentage TOC Rate of 50%.

   ii. The OTS portion of the overtime is calculated at the B0026 rate.

   iii. Overtime premium rate is calculated by adding the REG, OTS and TOC dollars (1750.30) and dividing it by the sum of REG and OTS hours (97.50) to get rate 17.9517 used for the OT2 premium calculation.

m. 000050053
i. 8170 TC1 found UNC percentage TOC Rate of 25%.

ii. 8170 TO3 found UNC flat rate TOC Rate of 6.4500.

n. 000050057

i. 8929 TC1 found COV percentage TOC Rate of 25%.

ii. 8929 TO3 found COV flat rate TOC Rate of 6.6600.

o. 000050058 has OTP overtime. No recalculation.

p. 000050064

i. 9119 TC2 found COV percentage TOC Rate of 75%.

ii. The OTS portion of the overtime is calculated at the B0061 rate.

iii. Overtime premium rate is calculated by adding the REG, OTS and TOC dollars (1047.37) and dividing it by the sum of REG and OTS hours (36.11) to get rate 29.0049 used for the OT3 premium calculation.

q. 000050076 has DOS code TOC with OTP overtime. No recalculation is triggered because "TOC" no longer a TOC related DOS code.

r. 000050131.

i. 4812 TC1 found COV percentage TOC Rate of 25% for positive AP.

ii. 4812 TC1 found COV percentage TOC Rate of 25% for negative RX.

19. RUN900. You must have an allocated VSAM Pay Scale Table prior to running this job. Load the Pay Scale Table for range adjustment from the transactions in CARDLIB.

20. RUN911. PPP911 performs a Salary Reduction process I did not provide testing of all the various aspects of this program since it will most likely be changed and tested before it is used again. However, I did confirm that the new TOC Indicator is now used instead of the hard coded "TOC" to trigger the Disregard Minimum Pay logic. The minimum rates are hard coded in the program: $4.25 for Hourly, $340.00 for BW, $739.50 for MO/MA and $369.75 for SM. The reduction rate used in the test was 95%.
a. 000050067 has three hourly distributions:

i. REG at 11.60 not affected by minimum, reduced to 11.02

ii. TOC at 4.45 should have been 4.2275, but since "TOC" no longer is considered TOC related, it got a minimum rate of 4.25.

iii. TC1 also at 4.45, but because minimum rate was disregarded for this TOC related DOS code, it was reduced to a rounded 4.23, i.e. below the minimum for Hourly.

b. 000050078 has two MO distributions.

i. REG at 775.00 should have been 736.25, but it got minimum rate of 739.50.

ii. TO3 also at 775.00, but because minimum rate was disregarded for TOC related DOS code, it was reduced to 736.25, i.e. below the minimum for MO.

21. RUN912. Same results as PPP911.
BATCH TABLE LOADS FOR ONLINE TESTING:

1. LOADED2. Load the test EDB into the online databases, if necessary.
2. LOADCTRL2. Load the test DB2 CTL into the online databases, if necessary.
3. LOADTHF2. Load the test PCR and THF into the online databases, if necessary.

ONLINE TESTING:

Two online processes are affected by this change.

The online Time reporting function uses the same common transaction edit program (PPEDTPAY) as does PPP360. Since that program has been tested in batch, I have only included one simple test to show that the TOC Indicator logic is being triggered online.

Second, some ORCA functions calculate PAR-like distribution grosses. The batch compute uses program PPGRSERN (which is called by PPP390). ORCA has a program PPRCGRSS which performs similar grosses calculations. It must be tested to confirm that TOC rates are correctly found, and that premium overtime rate recalculation is properly triggered in PPRCGRSS.

Logon to CICS and access the EDB Entry/Update Main Menu.

1. Enter function SPCL and press Enter.
   
   Result: The ORCA Special Processes Transaction Menu appears.

2. Enter function OPT1 and Employee ID 000050024, and press Enter
   
   Result: The Rush Check OPT1 Employee Data screen appears with filled in employee data.

   
   Result: The Rush Check OPT1 Earns & Deds screen appears.

4. Enter the data for the LX transactions, as shown on the attached sample screen. NOTE:
the Pay End dates you test with must be in the current month you are testing in order to trigger premium rate re-calculation. Note that "TOC" is being entered. Press Enter.

Result: Message P0502 is issued:
Transaction successfully edited - press update key for completion

5. Press PF5 for Update

Result: The first OPT1 screen reappears and message P0501 is issued:
Transaction successfully processed - reports sent to the printer

Get the printed report from the printer. The results should be as on the attached Rush Checks Payroll Audit Report and Accounting Office report. The rate for the "TOC" is used as is, no TOC rate is obtained from the Title Code table. And the premium overtime rate is not recalculated.

6. Press PF11 to get the Rush Check OPT1 Earns and Deds screen again, and key in the same transactions as before, except enter TC1 instead of TOC. TC1 has an COV rate for Title Code 5312. Press Enter.

Result: Message P0502 is issued:
Transaction successfully edited - press update key for completion

7. Press PF5 for Update

Result: The first OPT1 screen reappears and message P0501 is issued:
Transaction successfully processed - reports sent to the printer

Get the printed report from the printer. The results should be as on the attached Rush Checks Payroll Audit Report and Accounting Office report. The TOC rate for the "TC1" and Title Code 5312 was 25%, which is used in calculation of the gross on 7b for TC1. Also, the premium overtime rate recalculation was triggered, and a rate of 24.1666 calculated for the OTP gross.

8. Press PF11 to get the Rush Check OPT1 Earns and Deds screen again, and key in the single TC2 transaction shown on the sample. TC2 has an COV flat rate for Title Code 5312. Press Enter.

Result: Message P0502 is issued:
Transaction successfully edited - press update key for completion

9. Press PF5 for Update
Result: The first OPT1 screen reappears and message P0501 is issued:
Transaction successfully processed - reports sent to the printer

Get the printed report from the printer. The results should be as on the attached Rush Checks Payroll Audit Report and Accounting Office report. The TOC rate for the "TC2" and Title Code 5312 was a flat rate of 5.20, which is used in calculation of the gross on 9b for TC2. The flat rate is displayed as the rate.

10. Enter ETHF in the Next Func and press Enter.

Result: The THF Entry/Update Payroll Transaction Menu appears.

11. Enter ETLR in the Next Func and ID 000050020 in the ID field, and press Enter.

Result: The THF Entry/Update LX/RX Late/Reduce Payment screen appears with the three LX transactions we processed for 000050020 in the batch Compute.

Result: Message 36118 is issued:
TOC INVALID FOR TITLE - NO RATE IN TABLE; RATE ON TRANSACTION

12. Move the cursor to the Dst field on the first transaction and fill in the zeroes. Move to the Title Code on the first transaction and key 7192. Title Code 7192 does not have a COVered TOC Rate for TOC Code 1, i.e. for TC1 which already exists on the transaction. Press Enter.

Result: Message U0001 is issued:
Input accepted.

13. Press PF5 for Update

Result: Message U0007 is issued:
Update process complete.