Error Report 1831

Error Report 1831 reported an error in PPBENXHI which could, under certain circumstances, cause the wrong contribution level to be used for an employee. The problem specifically was in some bypass code that tells PPBENXHI that the current rate request is for the same plan and coverage level as the previous one so the rates currently in memory can be used rather than doing a new lookup. The Medical Contribution Salary Base (MCB) was not added to the comparison key, so if one employee had, for example, medical plan BC, coverage UA, and an MCB that indicates over 40K and the next one had the same plan and coverage, but an MCB that indicates equal to or under 40K, the over 40K rate was incorrectly used for this second employee.

Programs

PPBENXHI

PPBENXHI performs rate lookup for Medical premiums, contributions and employee costs. It has been modified to include the MCB in the key comparison logic.

Test Plan

At UCOP “before” and “after” testing was performed. The EDB was modified such that employees that would be processed back-to-back in a Compute had the same medical plan code and coverage code, but differing Medical Contribution Bases which lie on opposite sides of the 40K divide for contribution calculation. Other test cases were set up to retest plan code and coverage code change with unchanging MCB.
When the Compute was run with the Release 1440 version of PPBENXHI, in each case where the plan code and coverage were the same, but the MCB changed to above/below the 40k line, the second employee had the incorrect contribution and deduction based on the prior employee’s MCB.

When the Compute was rerun with the Release 1451 version of PPBENXHI, all of the contribution and deduction amounts were correctly derived.

**Installation Instructions**

1. Install the modified source for program PPBENXHI.
2. DB2 pre-compile, compile and link program dual-use PPBENXHI into the batch and online libraries.
3. DB2 pre-compile, compile and link program PPBENXHI into the SPAS libraries.
4. Bind the packages for both the online and SPAS modules.
5. Bind the following plans: PPIIVR, PPP350, PPP380, PPP400, PPP450, PPP560, PPP561, PPP750

**Timing of Installation**

The installation of this release is Urgent. **It must be installed prior to the next Compute run in December 2002.**

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