



OFFICE OF THE SENIOR VICE PRESIDENT—
BUSINESS AND FINANCE

OFFICE OF THE PRESIDENT
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| Re: | Release: | 1052 |
| | Service Request: | 11704 |
| | Reference Release: | 930 |
| | Error Reports: | 1378 |
| | Programs: | None |
| | DB2 Programs: | PPEM005 |
| | CICS Programs: | None |
| | Copymembers: | None |
| | Include Members: | None |
| | DDL Members: | None |
| | Bind Members: | None |
| | CICS Maps: | None |
| | Forms: | None |
| | Table Updates: | None |
| | Urgency: | Urgent with Release 930 |

Error Report 1378

Error Report 1378 notes that the Employment Service Credit (EDB 0719) value is not being incremented correctly for employees who were hired or separated after the installation of Release 930. In addition, the Employment Service Credit From Date (EDB 0720) has been left at initial values in some cases where employees did not have enough hours to accumulate service credit during the first month in which they were hired. These errors are being caused by code in program PPEM005 which moves the hours worked in the current month to the pay status hours before calculating the Employment Service Credit (ESC) value rather than after the calculation. To avoid future errors, the code to establish pay status hours has been moved to the correct place in the program. Currently the Credit From Date is changed to the Hours on Pay Status date when the Employment Service Credit value changes from '0' to '1'. Additional code has been added to test whether the Credit From Date is initial values whenever the employment service value is

incremented. If the Credit From Date is initial values, it is changed to the correct date. If the original ESC value had been greater than '0' and the Current Month Hours on Pay Status value causes the ESC to be incremented, then the Credit From date is updated with the value of the employee's Hire Date (EDB 0113). If the original ESC value had been '0' and the Current Month Hours on Pay Status (EDB 5119) value causes the ESC to be incremented, then the Credit From date is updated with the System Control Record (SCR) Current Date. If a prior month Hours on Pay Status value causes the ESC to be incremented, regardless of the value of the original ESC, then the Credit From date is updated with the date of the Hours on Pay Status value if it is earlier than the Credit From date or the Credit From date is initial values.

DB2 Programs

PPEM005

Code to move Hours on Pay Status values to the PCM table has been commented out and included later in the same paragraph at a point after the ESC has been calculated. Code has been added to determine whether the ESC From Date is initial values when the Current Month Hours on Pay Status value causes the ESC to be incremented. If it is initial values, and the ESC value is '0', then the SCR Current Date is used to update the Credit From date. If the ESC value is not '0', then the Hire Date is used to update the Credit From date. The code has been deleted which required that the ESC value be '0' before updating the Credit From date to a prior Hours on Pay Status date.

Test Plan

The existence of this problem was confirmed at Office of the President by executing program PPP130 to perform EDB periodic maintenance to begin the month of February. An employee who had been hired the previous January worked over one-half of the working hours in January, 176 hours. The ESC value was correctly changed from '0' to '1'. However, while the value of 176, the Current Month Hours on Pay Status, was moved to the Hours on Pay Status for January, that amount was not moved to the Hold Hours on Pays Status for January, which remained zero. The February compute was run and the Current Month Hours on Pay Status value was updated to 160 hours. Next the periodic maintenance to begin March was run. The employee erroneously had 2 credits rather than 1 added to the ESC during monthly maintenance. This occurred because the employee received one credit for the month of February for the Hours on Pay Status value of the current month, as well as one credit for the month of January because it appeared that the January Hours on Pay Status had been adjusted during the compute since it was different that the Hold Hours on Pay Status value, 176 compared to zero, indicating late pay and the need to add one month credit. Another employee had been separated in January and had had no pay activity in January or February. That employee erroneously had 1 credit deleted from the ESC during monthly maintenance to begin March. This occurred because a zero value, the Current Month Hours on Pay Status amount was moved to the January Hours on Pay Status value but not to the January Hold Hours on Pay Status during February Monthly maintenance, making it appear that the employee had had his hours adjusted during the compute, 0 compared to 240, indicating a need to deduct 1 month of credit. An employee with a Credit From Date value of initial values and an ESC value of 66 also gained service credit during January and February. Since the ESC value was already greater than '0', the Credit From date was not updated but the ESC was correctly incremented by 1 each month.

