This release corrects a specific error that occurred while processing selected Gross to Net (GTN) GTN_USAGE codes in the CICS EDB Inquiry Deductions (IGTN) screen. The error was due to a COBOL omission that failed to access and check for several GTN_USAGE codes. This omission resulted in IGTN failing to show data for GTN_USAGE codes “B”, “R”, and “T”.

GTN_USAGE “B” represents a fixed amount from the Benefit Rates Table (BRT), “R” indicates a percentage from the BRT, and “T” specifies a rate, taken from the BRT, times hours.

Error Report 1546:

Release 0448 introduced GTN_USAGE codes (B, R, and T). Paragraph 5300-EVALUATE-USAGE in program PPWIGTN is used to determine display characteristics for GTN’s with various usage codes.

Codes of “B”, “T”, and “R” were not included in the COBOL ‘evaluate’ logic and, therefore, the GTN amount was not displayed on the IGTN screen for these type GTN’s.

The IGTN screen allows the display of a NOTE field (literal) following the AMOUNT/VALUE column. The NOTE is not a named column of the IGTN screen. The display of “PARM” (indicating that the value was from the System Parameter Table) does not help the user understand whether the value was a dollar amount, a percent, or rate. Details of the old/new note values are on the next page.
CICS (IGTN) showing display behavior in the “Note” field for GTN_USAGE:

<table>
<thead>
<tr>
<th>GTN_USAGE</th>
<th>Note in current IGTN</th>
<th>Note in new IGTN</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>Blank</td>
<td>no change</td>
</tr>
<tr>
<td>P</td>
<td>“PCT “</td>
<td>no change</td>
</tr>
<tr>
<td>H</td>
<td>“CALC”</td>
<td>no change</td>
</tr>
<tr>
<td>1</td>
<td>“PARM”</td>
<td>change to show blanks</td>
</tr>
<tr>
<td>2</td>
<td>“PARM”</td>
<td>change to show “PCT “</td>
</tr>
<tr>
<td>3</td>
<td>“PARM”</td>
<td>change to show “CALC”</td>
</tr>
<tr>
<td>B</td>
<td>blank (due to program bug)</td>
<td>blank</td>
</tr>
<tr>
<td>R</td>
<td>blank (due to program bug)</td>
<td>“PCT “</td>
</tr>
<tr>
<td>T</td>
<td>blank (due to program bug)</td>
<td>“CALC”</td>
</tr>
</tbody>
</table>

**Program**

PPWIGTN:

The impacted paragraph of PPWIGTN has been modified for GTN_USAGE codes “B”, “R”, and “T”. The program now accesses the PPPBRG table with a DB2 SELECT using the GTN_NUMBER associated with the GTN_USAGE code as a search key.

**Test Plan**

1. **LOADCTL.** Load the test CTL for online testing. (RLSE.UDB2CTL). For testing, the GTN, BRG, and BUG tables have already been setup to support:
   - GTN_USAGE “B” is setup for testing as GTN # 375.
   - GTN_USAGE “T” is setup for testing as GTN # 376.
   - GTN_USAGE “R” already existed on Base as GTN #370.

2. **LOADEDDB.** Load the test EDB for online testing. (RLSE.UDB2EDB). Employee 000050020 (A. Marcus) is setup with several GTN Numbers, to include 370, 375 and 376.

3. **Execute the new CICS (IGTN) program PPWIGTN.** Notice that AMOUNT/VALUE on the IGTN screen now shows data from the BRG table, as requested by ER1546.

   Please note that the GTN entries 375 (GTN_USAGE “B”) and 376 (GTN_USAGE “T”) are strictly for testing.

   As future needs might dictate, each campus could select and assign a specific GTN_NUMBER to suit the GTN_USAGE (“B” and “T”). GTN# 375 and 376 were created only for testing.
(Test Plan continued)

If it is desired to conduct before/after testing:
Execute Test Plan Steps #1 and #2 to load the CTL and EDB.
Use the ‘old’ IGTN program PPWIGTN with employee 000050020 to observe GTN #370, 375, and 376.
Notice that AMOUNT/VALUE is not shown.
Then, continue to install the new PPWIGTN as shown below, and continue with Test Plan step #3.

Schematic of IGTN screen (shaded area shows primary interest for ER1546):

<table>
<thead>
<tr>
<th>IGTN</th>
<th>GTN #</th>
<th>Description</th>
<th>Type</th>
<th>Group</th>
<th>BRSC</th>
<th>EFF Date</th>
<th>Amount/Value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1710</td>
<td>370G</td>
<td>UPTE Dues</td>
<td>DED</td>
<td>UDUE</td>
<td></td>
<td>1.15</td>
<td>PCT</td>
<td></td>
</tr>
<tr>
<td>1234</td>
<td>375G</td>
<td>TEST375</td>
<td>DED</td>
<td>UDUE</td>
<td></td>
<td>20.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2345</td>
<td>376G</td>
<td>TEST376</td>
<td>DED</td>
<td>UDUE</td>
<td></td>
<td>1.00</td>
<td>CALC</td>
<td></td>
</tr>
</tbody>
</table>

**Installation Procedure:**

1. DB2 pre-compile, compile, and link modified program PPWIGTN into the online LOADLIB.
2. Bind the package PPWIGTN.
3. Execute the test plan.
4. Perform any additional local testing.
5. Move the modified PPWIGTN into production.

**Timing of Installation:**

This is not a time-critical release.

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 Rich.Renner@ucop.edu, or call at (510) 987-0465.

Rich Renner

cc: Jim Dolgonas
Jerry Wilcox