This electronic mail communication constitutes an official release of a change to the University of California Base Payroll System. A confirmation release letter will follow by U.S. Mail, but campuses are authorized to install this release immediately upon receipt of this communication.

Error Report 1389 entitled 'Report Fields Being Truncated' reports that two dollar adjustment fields are being truncated:

a) PPP3904 - CPA INPUT ADJS
b) PPP4101 - CURRENT ACTIVITY DOLLAR ADJS

The problem in PPP390 is being caused by a dollar adjustment field in copymember CPLNKRP1. The amount is being calculated properly, but the field is not large enough to contain the high order digit. This field, DOLLAR-ADJS-CPA-IN, must be lengthened from S9(7)V99 to S9(9)V99. This copymember is also being used in PPGRSRP1, so both PPP390 and PPGRSRP1 must be recompiled after CPLNKRP1 is updated.

The problem in PPP410 is being caused by two fields: one that is defined as S9(7)V99 and another defined as ZZ,ZZZ,ZZZ.99-. The amounts are being calculated properly, but the fields are not large enough to contain the high order digits. P71T-ADJ-GRS must be enlarged to S9(9)V99 and P71-DOLLARS must be enlarged to ZZZ,ZZZ,ZZZ.99-.

Release Title: Dollar Adjustment Fields Being Truncated
Program Being Modified: PPP410
Copymember Being Modified: CPLNKRP1
Reference Release: 1062
Error Report: 1389
Change Mark: 13891062
Urgency: Not Urgent

1. Make the following changes to copymember CPLNKRP1.

At the beginning please insert the following flowerbox:

**************************************************************/
* PROGRAM: CPLNKRP1                                         */
* RELEASE: ___1062______ SERVICE REQUEST(S): _____1389____  */
* NAME:______PAYJIG_____ MODIFICATION DATE:  ___04/10/96__  */
* -INCREASED DOLLARS-ADJS-CPA-IN FROM  S9(7)V99             */
03 CPA-REC-CNT             PIC S9(7)      COMP-3.  <=comment out
03 DOLLARS-ADJS-CPA-IN     PIC S9(7)V99   COMP-3.  <=insert
03 RPT1-INDX-MAX           PIC S9(4) COMP SYNC.  **
**************************************************************/

2. Make the following changes to COBOL program PPP410.

At the beginning please insert the following flowerbox:
P71T-ADJ-GRS is in working storage under the 01 PAYR071-TOTALS and the 03 of P71T-CURRENT:

```
03 P71T-CURRENT.
   05 P71T-CURNT-GRS PIC S9(9)V99 COMP-3 VALUE +0.
   05 P71T-CURNT-RECS-IN PIC S9(7) COMP-3 VALUE +0.
* 05 P71T-HRS-ADJ-HRS PIC S9(7)V99 COMP-3 VALUE +0.
   05 P71T-LVE-ADJ-HRS PIC S9(7)V9(6) COMP-3 VALUE +0.
* ******* 05 P71T-ADJ-GRS PIC S9(7)V99 COMP-3 VALUE +0.<=comment out
   05 P71T-ADJ-GRS PIC S9(9)V99 COMP-3 VALUE +0.<=insert
   05 P71T-ADV-PAID-GRS PIC S9(7)V99 COMP-3 VALUE +0.
   SKIP2
```

P71-DOLLARS is in working storage under the 01 P71-LINE and the 03 of P71T-DOLLARS-GRP. The redefines, P71-DOLLARS-GRP, must also be changed.

```
01 P71-LINE REDEFINES PRINT-LINE.
   03 FILLER PIC X.
   03 FILLER PIC X(23).
   03 FILLER PIC X(6).
   03 P71-DESCR PIC X(32).
   03 P71-RECORDS PIC ZZZZ,ZZ9-.
   03 FILLER PIC X.
   03 P71-DOLLARS-GRP.
      05 P71-DOLLARS PIC ZZZ,ZZZ,ZZZ.99-. <=insert
    ******* 05 P71-DOLLARS PIC ZZ,ZZZ,ZZZ.999999-. <=comment out
      05 FILLER PIC X(4).
      03 P71-LEAVE-HRS REDEFINES P71-DOLLARS-GRP PIC ZZZ,ZZZ,ZZZ.999999-. <=insert
    ******* P71-DOLLARS-GRP PIC ZZ,ZZZ,ZZZ.999999-. <=comment out
      03 FILLER PIC X(13).
      03 FILLER PIC X(27).
```

Testing
------

At UCOP we created multiple 'widetime' DA transactions to create large dollar amounts in the dollar adjustment fields. We then ran the compute process using this 'widetime' file. The fixes which were applied to PPP410 and CPLNKRP1 enabled us to print the high-order digits that were being truncated previously.
Installation Instructions
-------------------------

1. Modify copymember CPLNKRP1.
2. Modify COBOL program PPP410.
3. Compile and link unmodified program PPGRSRP1 into batch LOADLIB.
4. DB2-precompile, compile and link unmodified program PPP390 into the batch DBRMLIB and LOADLIB.
5. DB2-precompile, compile and link modified program PPP410 into the batch DBRMLIB and LOADLIB.
6. Bind the plans for PPP390 and PPP410.
7. Perform testing similar to that described above.
8. Perform any desired local tests.
9. Install in production.

The modified program and copylib member are available on the payroll FTP site in the PAYDIST.R1062.COBOL and PAYDIST.R1062.COPYLIB libraries.

Timing of Installation
----------------------

The installation of this release is not urgent.

If there are any questions, please send electronic mail to Joyce.Gibrick@ucop.edu, or call on (510)987-0466.