

**Release 1681  
Service Request 16987  
Error Report 2002**

**W-2 2005 Changes**

**TEST PLAN**

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## **Load Control Table Data Base (LOADCTL)**

Load the DB2 CTL database supplied with this release or use the campus CTL with all the table updates from this release applied, except the updates to the GTN table. Updates are in PDS CARDLIB (DETPROD & MSGPROD). The updates to the GTN table in CARDLIB (GTNPROD) will be applied in a test of the changes to the GTN transaction edit program.

### **Verification if using CTL supplied with release**

Ensure that the DB2 CTL has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database. Verification can be made by reviewing the PDS REPORTS member LOADCTL.

## **Run Control Table Update (RUN004)**

The job updates the Control Table.

### **Verification**

The results of the test can be verified by reviewing the PDS REPORTS member RUN004. The input transactions can be found in the PDS CARDLIB member GTNPROD. Using the PPCTR02 report it can be verified that the “set indicator” for GTN’s 744 and 747 was changed to “7”.

## **Load Employee Data Base (LOADEDDB)**

Load the DB2 EDB database.

### **Verification**

Ensure that the DB2 EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database. Verification can be made by reviewing the PDS REPORTS member LOADEDDB.

## Run a compute for B1 with End Date 12/17/05 (CDEC05B1)

This job runs a compute for a B1 cycle and processing DA transactions to add Tip Income to specific employees.

### Verification

Ensure that the job has been executed successfully. Verification can be made by reviewing the PDS REPORTS member CDEC05B1. The input transactions are in PAYJEK.RLSE.ADJTRAB1.

Looking at the PAR report in PRTPAR in the PPP440 step the dollar adjustment and the YTD balance will appear for the following employees.

Employee Id	Tip Income
000050002	100.00
000050008	600.00
000050020	4,000.00
000050024	200.00
000050025	300.00
000050029	-400.00
000050034	220.00
000050040	500.00
000050041	600.00
000050068	680.00
000050084	840.00
000050100	100.00
000050102	102.00
000050103	103.00
000050114	114.00
000050117	117.00
501000036	330.00
501000042	730.00

## **Report key information about test cases (RUN250)**

This job prints selected EDB records as they appear on the EDB and can be used in the verification of the accumulation of SMS and 457(b) and the accumulation of DCP GTN's on the W-2 job which follows.

The following employee IDs are found on this report.

Employee ID
000050003
000050012

## Run W-2 reporting (RUN600)

This job creates the W-2 extract, generates the W-2 reports, creates the Fed tape and creates the microfiche file.

### Verification

Ensure that the job has been executed successfully. Verification can be made by reviewing the PDS REPORTS member RUN600 and the files produced, FEDW2T, W2FILET, and W22005T. The following is a list of items to verify out of this process.

1) "Error and Warning Messages" Report

Employee Id	Condition tested
000050020	Warning message - Employee has tip income
000050040	Reject message - Employee is W-2 Exception due to Negative Balance
000050029	Reject message - Social Security Tip Income is negative

2) "W-2 Out-of-State" Report

Employee Id	Condition tested
000050041	Warning message - Employee has tip income

3) "W-2 Confirmation and Summary" Report

Employee Id	Condition tested
000050020	*** Exception – Tip Income

4) "Non-Resident Exempt Alien" Report

Employee Id	Condition tested
501000036	*** Exception – Tip Income

5) "W-2 Exceptions List" Report

Employee Id	Condition tested
000050040	*** Employee has tip income
000050029	### Employee has 1 or more negative reportable amounts on EDB ( due to tip income = -400.00)

6) “W-2 Editing Error Conditions List” Report

<b>Employee Id</b>	<b>Condition tested</b>
000050020	*** Employee has tip income
000050086	Soc Sec Number is blank or invalid (SS starts with 666)

7) “Social Security Tip Income” Report

New report has all 18 employees who have tip income – see the Compute Run above for list.

8) All Total reports.

The OASDI on all the total pages is now split with sub totals identified as “Reg Gross” and “SS Tip Gross” where “Reg Gross” is equal to the total OASDI Gross less the “SS Tip Gross”.

9) FEDW2T

Verify that the layout has changed as described in the SR/Letter.

Verify that the tip income appears in col 254-264 on the RW record and in col 100-114 on the RT record. Note that there are 2 RT records on the file. The second is for Med Q employees so there will be no tip-income. The first RT record is for all other employees and will have a tip income total. Also, the OASDI gross will be adjusted by the tip income.

10) Verify the accumulation of the SMS GTN’s and the 457(b) GTN’s for Employee 000050012.

On the 250 report:

398-Y YTD 457B 14,000.00  
747-Y SMS 457B 65.00

On the “W-2 Confirmation and Summary” Report (page 22)

457B is 14,065.00 (the sum of the two above)

11) Verify the accumulation of the old DCP GTN’s and the new DCP GTN’s for Employee 000050003.

On the 250 report:

211-Y DCP Savings 123.19  
733-Y DCP Regular 257.65

On the “W-2 Confirmation and Summary” Report (page 4)

DCP Regular is 380.84 (the sum of the two above)

## **Run W-2 Extract File Update Process (RUN610)**

This job updates specific data on the W-2 Extract File using current data from the EDB.

### **Verification**

Ensure that the job has been executed successfully. Verification can be made by reviewing the PDS REPORTS member RUN610.

The report PPP6102 is the Total Extract report. The totals should match those out of RUN600 since no updates were made in this run. It should be noted that the OASDI Gross is now split into the Reg Gross and the SS Tip Gross. This split is new with this release.

## **Run the Yearly Maintenance against the EDB (RUN130Y)**

This job is the annual EDB maintenance job which initializes the YTD balances on the EDB.

### **Verification**

Ensure that the job has been executed successfully. Verification can be made by reviewing the PDS REPORTS member RUN130Y.

The first step of the job is a SPUFI to print all employees with Tip Income. It lists the 18 employees who do have Tip Income. The next steps perform the yearly maintenance initializing the YTD balances. The last step is the same SPUFI. The results of that step indicate that there are no employees with Tip Income because the YTD balances have been set to zero.

A review of the PRNTFIL in step PPP180 will reflect all the year end updates which took place. There is a change line for each of the 18 employees with Tip Income indicating that the YTD balance has been set to zero.

## **Other Processes to Test**

The following are other processes which may be tested. These had no logic changes. They were tested here at UCOP but have not been specifically included in this Test Plan.

- Monthly Periodic Maintenance
- EDB extract for the 1042S forms and reporting
- On-line Rush Checks