

**Release 1755**

**New Federal Tax Withholding Rules for  
Nonresident Aliens, Phase II  
Service Request 81561**

**Test Plan**

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## **Testing Overview**

This document addresses the test runs and cases constructed to verify the correct installation of Release 1755. The test is made up of the following steps:

1. Control Data Base (CTL) Initial Load (LOADCTL)
2. Employee Data Base (EDB) Initial Load (LOADEDDB)
3. Periodic Maintenance Calendar Year Maintenance (PEREOY06)
4. Online CICS Testing
5. EDB Web Inquiry
6. Employee Data Base (EDB) Load (LOADEDDB2)
7. Periodic EDB Monthly Maintenance (JAN07PER)
8. EDB File Maintenance (EDBMAINT)
9. PPP129 (RUN129)
10. Periodic Maintenance – SIS File Process # 1(PPP130S1)
11. Periodic Maintenance – Student FICA Fall Process #3 (PPP130S3)

## **Control Table (CTL) Initial Load (LOADCTL)**

### **Description**

This job loads the DB2 CTL database.

### **Verification**

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 data base. The data in the members in PDS UDB2CTL already reflect the updates applied to the DB2 Control tables.

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

### **Description**

This job loads the EDB database.

### **Verification**

In order to assure successful completion of this job, verify that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the data base.

**Periodic EDB Calendar Year Maintenance (PEREOY06)**

**Description**

Execute a Periodic EDB Maintenance run for calendar year end and begin quarter 1 processing. This test verifies the correct installation of programs PPEY001 and PPEY101.

**Verification**

Refer to the PPP1800 report located in PDS REPORTS member PEREOY06 and the table of test conditions below to verify successful execution of the test.

Employee ID	Previous Value	Current Value	Comments
701000010	Citizenship Status Code: E GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The PPP1800 report reflects the change in Citizenship Status Code which was caused by the Tax Treaty End Date being exceeded. A G-balance for GTN 301 is not created.
701000012	Citizenship Status Code: E GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The PPP1800 report reflects the change in Citizenship Status Code which was caused by the Tax Treaty Dollar Limit being exceeded. A G-balance for GTN 301 is not created.
701000014	Citizenship Status Code: E GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The PPP1800 report reflects the change in Citizenship Status Code which was caused by the 8233 Ind. being blank. A G-balance for GTN 301 is not created.

## Online CICS Testing

### Description

This test consists of two tests. The first test verifies the labels and data fields have been removed from the modified CICS maps. The second test verifies that GTN 301 is not established and obsolete messages are not produced.

#### Test #1

Confirm the field label “**Addl Fed Nonres Alien Tax :**” has been removed from the EALN, ETAX, and ITAX screens.

Confirm the field level help for the “**Addl Fed Nonres Alien Tax :**” field has been replaced with screen level help. For the EALN screen, this is accomplished by placing the cursor on the blank line between the “**Maximum Withholding :**” field and the “**Calif. Tax Marital Status :**” field and press F1. Screen level help information should appear.

For the ETAX and the ITAX screens, place the cursor on the blank line below the “DE4 Process Date” field and press F1. Screen level help information should appear.

#### Test #2

- On the EALN screen.
- Enter **701000016** in the ID field.
- Change the Citizenship field from “E” to “N”.
- Update the employee’s EDB record.

```
PPEALN0-E1755          EDB Entry/Update          02/14/07 11:16:4
02/13/07 14:33:48      Alien Information          Userid: PAYRBG
ID: 701000016 Name: JOHNSON, JEROME M      Emp Stat: A      Pri Pay: MO

Citizenship: E      Country of Residence: FR      U.S. Date of Entry: 070106
Visa Type : E2      Work Permit End Date: 123106      UC W-8BEN Date: 070106
Tax Treaty Income Code : 18      Alt Tax Treaty Income Code:
      Article Number:      Retirement System Code: U
      End Date :      FICA Eligibility Code: E
      Income Limit :      Ret FICA Derive: Y

Federal Tax Marital Status: S      Allowances: 999
Maximum Withholding: 999      Additional Fed Withholding:

Calif. Tax Marital Status: M      Allowances: 001      Itemized Deductions: 003
Maximum Withholding: 999      Additional CA Withholding :
Non-UC Health Exp :      Non-Resident Alien Tax Form Indicator: N

Next Func:      ID:      Name:      SSN:

===>
F: 1-Help      3-PrevMenu      4-Print      5-Update
F:      9-Jump      12-Exit
```

### Verification

Use the IMSG screen to confirm that obsolete messages 08-222 and 12-200 have not been produced.  
Use the IGTN screen to confirm GTN-301 was not been created.

## **EDB Web Inquiry**

### **Description**

Verify the correct installation of the modified web Tax Information screen.

### **Verification**

For employee **701000006**, select the Tax Information screen and confirm that the “Nonresident Alien Tax:” field label does not appear on the screen.

## **Employee Data Base (EDB) Load (LOADEDDB2)**

### **Description**

This job loads a new version of the EDB database. This version of the EDB database contains two additional test cases needed for the Periodic EDB Monthly Maintenance step and the SCR-ACAD-YEAR-IND field on the SCR table has been set to "N" in order to execute the Student FICA Fall process test step.

### **Verification**

In order to assure successful completion of this job, verify that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the data base.

## **Periodic EDB Monthly Maintenance (JAN07PER)**

### **Description**

In order to verify that program PPEM001 has been installed correctly, the beginning of Jan 07 maintenance run needs to be executed.

### **Verification**

Refer to the PPP1800 report located in PDS REPORTS member Jan07PER and the table of test conditions below to verify successful execution of the test.

Employee ID	Previous Value	Current Value	Comments
701000108	Citizenship Status Code: E GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The PPP1800 report reflects the change in Citizenship Status Code which was caused by the Tax Treaty Dollar Limit being exceeded. A G-balance for GTN 301 is not created.
701000124	Citizenship Status Code: E GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The PPP1800 report reflects the change in Citizenship Status Code which was caused by the Tax Treaty End Date being exceeded. A G-balance for GTN 301 is not created.

## **EDB File Maintenance (EDBMAINT)**

### **Description**

The EDB Maintenance run will verify the successful installation of program PPEC110. “X1” transactions to change the Citizenship Status Code value are included in the release material for input to this test. The transactions will update the test employees’ EDB values.

### **Verification**

Refer to both versions of the PPP1001 reports and the PPP1800 report located in PDS REPORTS member EDBMAINT and the table of test conditions below to verify successful execution of the test.

Employee ID	Previous Value	Current Value	Comments
701000016	Citizenship Status Code: E GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The obsolete messages 08-222 and 12-200 do not appear on either of the PPP1001 reports. The change in Citizenship Status Code is on the PPP1800 report. A G-balance for GTN 301 is not created.
701000101	Citizenship Status Code: C GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The obsolete messages 08-222 and 12-200 do not appear on either of the PPP1001 reports. The change in Citizenship Status Code is on the PPP1800 report. A G-balance for GTN 301 is not created.

## **PPP129 (RUN129)**

### **Description**

Job PPP129 uses the interface file from the Student Information System as input. The contents of input file are validated then it is loaded into the PPSIS table.

### **Verification**

Verify the job has completed normally.

Verify the records from the SISFILE were successfully loaded into the PPSIS table by comparing the contents of the PPSIS table to the contents of the SIS interface file.

## **Periodic Maintenance – SIS File Process (PPP130S1)**

### **Description**

Execute an EDB Maintenance run to verify the correct installation of program PPES101. To execute the SIS File Process, PPP020 is run with a “1” in the Special Processing Indicator field (col. 37.)

### **Verification**

Refer to the PPP1800 report located in PDS REPORTS member PPP130S1 and the test condition below to verify successful execution of the test.

Employee ID	Previous Value	Current Value	Comments
701000113	Citizenship Status Code: S GTN 301: 0	Citizenship Status Code: N GTN 301: 0	The change in Citizenship Status Code is on the PPP1800 report. A G-balance for GTN 301 is not created.

**Periodic Maintenance – Student FICA Fall Process (PPP130S3)**

**Description**

Execute an EDB Maintenance run to verify the correct installation of program PPES103. To execute the SIS Fall Process, PPP020 is run with a “3” in the Special Processing Indicator field (col. 37.)

**Verification**

Refer to the PPP1800 report located in PDS REPORTS member PPP130S3 and the table of test conditions below to verify successful execution of the test.

Employee ID	Previous Value	Current Value	Comments
701000122	Student Status Code: 6 Citizenship Status Code: S GTN301: 0	Student Status Code: 1 Citizenship Status Code: N GTN301: 0	The PPP1800 report reflects the change in Citizenship Status Code which was caused by the change in Student Status Code. A G-balance for GTN 301 is not created.
701000123	Student Status Code: 7 Citizenship Status Code: S GTN301: 0	Student Status Code: 1 Citizenship Status Code: N GTN301: 0	The PPP1800 report reflects the change in Citizenship Status Code which was caused by the change in Student Status Code. A G-balance for GTN 301 is not created.