

RELEASE 1732

**Modification of IVR Web Interface File
Service Request 81659**

Test Plan

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Testing Overview

This document addresses the test runs and cases constructed to verify the correct installation of Release 1732. 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. Run One-Time Conversion Process (PPOT1732)
4. Daily IVR/Web Process (PPIIVR)

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 reflects 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.

Execute One-Time Process (PPOT1732)

Description

This job converts the obsolete fields on the IVR/Web Employee History file, which are defined as numeric, and redefines them as alphanumeric and fills the fields with spaces.

Verification

Verify that the fields that once contained numeric data now contain spaces in the output file. The following positions contain spaces instead of zeros:

<u>Position</u>	<u>Length</u>
314	6
375	8
394	8
419	8
570	16

Daily IVR/Web Process (PPIIVR)

Description

Using the converted IVR/Web Employee History file as input, PPIIVR creates a daily-IVR/Web interface file. The file will reflect the following changes:

- Add new data elements to the IVR/Web Interface file
- Increase available space on the IVR/Web Interface file by reusing obsolete fields
- Reserve space for future data elements

Verification

Using the following test cases, verify the correct installation of the changes to PPIIVR.

1.0 Add new data elements to the IVR/Web Interface file

#	Employee ID	Test Scenario	Expected Results
1.	111111111	Set SLCG Grade Code to '102' in EDB.	IVREMP-SLCG-GRADE-CODE in IVR/Web Interface file in position 890 – 892 should be set to '102'.
2.	333333012	Set Electronic W-2 Indicator to 'Y' in EDB.	IVREMP-ELEC-W-2-IND in IVR/Web Interface file in position 268 should be set to 'Y'.
3.	333333013	Set Block W-2 Data to 3 rd Party Indicator to 'B' in EDB.	IVREMP-W-2-BLOCK-IND in IVR/Web Interface file in position 269 should be set to 'B'.

2.0 Increase available space in the IVR/Web Interface file by reusing obsolete fields

#	Employee ID	Test Scenario	Expected Results
1.	333333016	Set up employee with Supplemental Life Insurance coverage in EDB.	IVREMP-FILLER-1 in IVR/Web Interface file should be set to spaces. (position 329 – 336)
2.	333333017	Set up employee with Dependent Life Insurance coverage in EDB.	IVREMP-FILLER-2 in IVR/Web Interface file should be set to spaces. (position 348 – 355)
3.	333333018	Set up employee with AD&D Insurance coverage in EDB.	IVREMP-FILLER-3 in IVR/Web Interface file should be set to spaces. (position 373 – 380)
4.	333333023	Set up employee with the following Savings Bond Denomination Code contributions in EDB: Savings Bond 1 Savings Bond 2 Savings Bond 3 Savings Bond 4	No record in the IVR/Web Interface file should be created for this employee because we are removing bond data in the interface file
5.	000050034	Employee has existing savings bond contributions in the following Savings Bond Denomination Codes in EDB: Savings Bond 1 Savings Bond 2 Savings Bond 3 Savings Bond 4 Change home address in EDB.	The following fields in IVR/Web Interface file should be set to spaces: IVREMP-FILLER-4 (positions 524 – 527) IVREMP-FILLER-5 (positions 528 – 531) IVREMP-FILLER-6 (positions 532 – 535) IVREMP-FILLER-7 (positions 536 – 539)

3.0 Reserve space for future data elements in the IVR/Web Interface file

#	Employee ID	Test Scenario	Expected Results
1.	333333040	Change home address in EDB.	The following fields in IVR/Web Interface file should be set to spaces: IVREMP-EBE-UNIT-CODE (positions 270 – 271) IVREMP-EBE-REP-CODE (position 272) IVREMP-EBE-DERV-IND (position 273)