RELEASE 1313

Service Request 15210
Expanded Benefits Eligibility for Employees

Test Plan

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Testing Overview

This test plan addresses the job runs and test cases constructed to verify the correct installation of Release 1313.

Three test case documents should be used in evaluating results:

Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications)

Test Cases for Benefits Eligibility of Casual Employees (EDB Monthly Maintenance Modifications)

Test Cases for Benefits Eligibility of Casual Employees (Explicit Maintenance Modifications-Monthly Maintenance to Begin 11/01/00) and (Explicit Maintenance Modifications-Monthly Maintenance to Begin 12/01/00)

The entries in these documents represent a test of some condition, typically one that causes hours to be accumulated, or not. Not all ID's are mentioned in each document. For example, in Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications) ID 777000001 is included because its Appointment Type excludes its hours. ID 777000020 is not, because there is no exclusion and the hours are accumulated. However ID 777000020 is referenced in Test Cases for Benefits Eligibility of Casual Employees (EDB Monthly Maintenance Modifications) when the rules for benefits enrollment are tested.

The test plan is made up of the following components.

1. Control Database Initial Load (LOADCTL)
2. Employee Database Initial Load (LOADEDB)
3. Employee History Database Initial Load (LOADHDB)
4. EDB Database Record Display (RUN250A)
5. October B2 Compute (COMOCTB2)
6. October B1 Compute (COMOCTB1)
7. October MO Compute (COMOCTMO)
8. Monthly Periodic Maintenance (RUN130O)
9. Benefits Eligibility Reporting (RUN138O)
10. EDB Database Record Display (RUN250B)
11. Online Testing: Rehires
12. November B2 Compute (COMNOVB2)
13. ID Change (RUN040)
14. EDB File Maintenance (RUNFM1)
15. November B1 Compute (COMNOVB1)
16. November MO Compute (COMNOVMO)
17. HDB ID Change (RUN742)
18. HDB Monthly Periodic Update (RUN743)
19. Process Control Database Update (LOADPCDX)
20. Online Testing: Screen changes and Helptext
21. Monthly Periodic Maintenance (RUN130N)
22. Benefits Eligibility Reporting (RUN138N)
23. EDB Database Record Display (RUN250C)
24. Historical Premium Activity Table Initial Load (LOADHPA)
25. Merge the PAR files (RUN460N)
26. Enrollment File Process (RUN560N)
27. Enrollment Adjustments (RUN561N)
28. Enrollment Reporting (RUN562N)
Control Database 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 Database.

The members in PDS UDB2CTL already reflect the Code Translation Table, System Parameter Table, System Messages Table, Data Element Table, Processing Group Table and Routine Definition Table data updates applied as part of this release.

The DOS table contains DOS Codes with UCRS Gross Indicator of + or -, and Pay Status Y, which are necessary for the test case results.

The Title Code Table contains Title Codes with excluded CTO values, which are necessary for the test case results.
Employee Database Initial Load (LOADEDDB)

Description

This job loads the 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.

The members in PDS UDB2EDB already reflect the DDL updates applied as part of this release.
Employee History Database Initial Load (LOADHDB)

Description

This job loads the HDB database.

Verification

Ensure that the DB2 HDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.

The members in PDS UDB2HDB already reflect the DDL updates applied as part of this release.
EDB Database Record Display (RUN250A)

Description

This job displays the data on the EDB for the test cases in the 777000*** range.

Verification

Verify that the reported data reflects the initial condition of the test cases listed in the release documents:

- Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications)
- Test Cases for Benefits Eligibility of Casual Employees (EDB Monthly Maintenance Modifications)
- Test Cases for Benefits Eligibility of Casual Employees (Explicit Maintenance Modifications)

Most, but not all, test cases mentioned in the following test plan are contained in those documents.
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October  B2 Compute (COMOCTB2)

Description

This job executes the necessary programs for the B2 pay cycle with a pay period end date of October 14, 2000.

Verification

CARDEXP2(OCTBWHA) contains several HA transactions for updating various of the new monthly bucket data elements. Verify the Hours Toward Benefits Eligibility were properly updated from the HA transactions. These transactions are being used to update Hours Toward Benefits Eligibility for prior months in order to position the test cases near the 1000 hours.

Verify the Current Hours Toward Benefits Eligibility were properly updated from hours paid. Note Appointment Types, Title Codes and CTO values and DOS Codes which are excluded. See document Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications).

In the case of off cycle pay, such as COH or LX transactions, ensure the hours went into the month bucket appropriate to the pay period end date of the transaction.

Examples:

777000038
The HA transactions are:
May  5148 0010000+
June 5149 0010000+
July 5150 0010000+
August 5151 0010000+
September 5152 0010000+
October 5153 0020000+
November 5154 0010000+
December 5155 0010000+

The LX transactions are:
August  +50
September +100

The AU pay is:
October   +32
The AU hours appear in New Balances in 5143 Current Hours Toward Benefits Eligibility.
The HA amounts appear in New Balances in the appropriate bucket, per data element.
In addition, August 5151 contains an additional 50 hours from the LX transaction and September 5152 contains an additional 100 hours from the LX transaction.

Note that the hours for November 5154 and December 5155, given that current time defined by SCR-CURRENT-DATE is October 2000, represent November and December 1999.

An LX or AP transaction was run for every pay period month from November 1999 through October 2000, all for 5 hours. Confirm that all the buckets except October were updated for that amount. The October AP amount should be in the Current Hours Toward Benefits Eligibility 5143, along with the AU hours.
October  B1 Compute (COMOCTB1)

Description

This job executes the necessary programs for the B1 pay cycle with a pay period end date of October 19, 2000.

Verification

Verify the Current Hours Toward Benefits Eligibility were properly updated from hours paid. Note Appointment Types, Title Codes and CTO values and DOS Codes which are excluded. See document Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications).

No special transactions were run for this cycle.
October  MO Compute (COMOCTMO)

Description

This job executes the necessary programs for the MO pay cycle with a pay period end date of October 29, 2000.

Verification

CARDEXP2(OCTMOHA) contains several HA transactions for updating various of the new monthly bucket data elements. Verify the Hours Toward Benefits Eligibility were properly updated from the HA transactions. These transactions are being used to update Hours Toward Benefits Eligibility for prior months in order to position the test cases near the 1000 hours.

CARDEXP2(OCTMOLX) and (OCTMOCOH) contains several off cycle transactions for updating various of the new monthly bucket data elements. Verify the Hours Toward Benefits Eligibility were properly updated from the transactions.

Verify the Current Hours Toward Benefits Eligibility were properly updated from hours paid. Note Appointment Types, Title Codes and CTO values and DOS Codes which are excluded. See document *Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications)*.

Examples:

777000001
The Appointment Type is 4. The hours should not be added to Current Hours Toward Benefits Eligibility, and were not.

777000002
The Appointment Type is 6. The hours should not be added to Current Hours Toward Benefits Eligibility, and were not.

777000009
The Title Code 1118 has a Class Title Outline 323. The hours should not be added to Current Hours Toward Benefits Eligibility, and were not.

777000006
One Appointment has DOS Code DST, which has a negative UCRS Gross Indicator. The hours should be subtracted from the Current Hours Toward Benefits Eligibility, and were.
Monthly Periodic Maintenance (RUN130O)

Description

This job executes PPP130 for monthly processing to end October and begin November. It now performs the new process of enrolling casual employees with sufficient Hours Toward Benefits Eligibility into benefits. PPP180 reads the EDB Change File (ECF) created by PPP130 and produces the PPP1800 Data Base Audit Register report.

Verification

Verify that the reported change data in PPP1800 reflects the test cases listed in the release document Test Cases for Benefits Eligibility of Casual Employees (EDB Monthly Maintenance Modifications-Monthly Maintenance to Begin 11/01/00). Note that the PPP2501 report produced in the RUN250B step can also be used to verify results.

Verify that the new benefits eligibility report file was created at DD PPELGRPT. This will be read into PPP138 in the next step.
Benefits Eligibility Reporting (RUN138O)

Description

This job reads the PPELGRPT created by PPP130. Two reports are produced: PPP1382 Employees with 1000 Hours - Eligible for Benefits, and PPP1383 Employees Approaching 1000 Hours Toward Benefits Eligibility.

Verification

Verify that all the test cases that should have been enrolled in benefits due to achieving sufficient Hours Toward Benefits Eligibility, and which appear in the previous PPP1800 report as enrolled, appear on report PPP1382.

Verify that all casual employees with greater than or equal to 820 Hours Toward Benefits Eligibility, but less than the 1000 necessary for enrollment, appear on report PPP1383.
EDB Database Record Display (RUN250B)

Description

This job displays the data on the EDB for the test cases in the 777000*** range.

Verification

Verify that the test cases all printed on the PPP2501 report.

This report along with the previous PPP1800 report can be used to verify that the test cases listed in the release document *Test Cases for Benefits Eligibility of Casual Employees (EDB Monthly Maintenance Modifications-Monthly Maintenance to Begin 11/01/00)* were properly enrolled, or not, in benefits.

The released UDB2EDBO PDS is a copy of the test EDB at this point in the test plan.
Online Testing: Rehires

Description

Use the online EDB Entry/Update and RHIR functions to perform Rehire testing. These tests confirm that Retirement and FICA enrollment are being performed correctly for casual employees with Hours Towards Benefits Eligibility.

Verification

Perform the Rehires per the release document Test Cases for Benefits Eligibility of Casual Employees (Explicit Maintenance Modifications).

Use the RHIR bundle to rehire the employee. In some cases the Separation Date may already be that shown in the Test Conditions column. In others it must be changed, so the ESEP function must be part of the RHIR bundle. The Appointment 10 listed in Test Conditions and its distribution should be terminated as of the Separation Date, and copied to Appointment 20 and distribution with a start date equal to the Rehire Date. To do this make sure the EAPP function is part of the RHIR bundle.
November B2 Compute (COMNOVB2)

Description

This job executes the necessary programs for the B2 pay cycle with a pay period end date of November 11, 2000.

Verification

Verify the Current Hours Toward Benefits Eligibility were properly updated from hours paid. Note Appointment Types, Title Codes and CTO values and DOS Codes which are excluded. See document *Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications).*
ID Change (RUN040)

Description

This job executes the PPP040, which in turn calls modified key-change program PPKEYCHD. The new ID should correctly reflect the Hours Toward Benefits Eligibility carried forward from the previous ID. The change transaction in CARDEXP(CHGIDS) changes ID 000050009 to 888850009.

A PPP2501 report is printed prior to and after PPP040.

Verification

Verify the Hours Toward Benefits Eligibility were successfully established for the new ID 888850009.
EDB File Maintenance (RUNFM1)

Description

This job executes batch EDB updates to select real plans for some of the Employee ID's enrolled in pending plan codes during the previous PPP130 processing to start November. It also attempts to update the new Hours Toward Benefits Eligibility, which are defined as non-updateable.

Verification

Verify in the PPP1001 report out of PPP080 that the X1 transactions for the Hours Toward Benefits Eligibility were all rejected. The only way to update these data elements is via HA transactions in the Compute process.

Verify the plan code changes were not rejected.
November  B1 Compute (COMNOVB1)

Description

This job executes the necessary programs for the B1 pay cycle with a pay period end date of November 25, 2000.

Verification

Verify the Current Hours Toward Benefits Eligibility were properly updated from hours paid. Note Appointment Types, Title Codes and CTO values and DOS Codes which are excluded. See document Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications).
November MO Compute (COMNOVMO)

Description

This job executes the necessary programs for the MO pay cycle with a pay period end date of November 30, 2000.

Verification

Verify the Current Hours Toward Benefits Eligibility were properly updated from hours paid. Note Appointment Types, Title Codes and CTO values and DOS Codes which are excluded. See document Test Cases for Benefits Eligibility of Casual Employees (Compute Modifications).
HDB ID Change (RUN742)

Description

This job executes PPP742 for the HDB update. It reads the EDB Change File from PPP040 which changes ID 000050009 to 888850009.

Verification

Confirm that PPP742 ran to successful EOJ. The PPP7421 report should indicate that one ECF record was processed.
**HDB Monthly Periodic Update (RUN743)**

**Description**

This job executes PPP743 for the HDB Monthly Periodic Process. It updates the PPPMTH table with Total Hours Toward Benefits Eligibility (DE 5142). Note that the value of this field for each employee is as of the previous PPP130.

**Verification**

Verify the Current Hours Toward Benefits column was updated. The PPP7431 report should show:

| COL: HRS_BEN_ELIG_TOT | DET: 5142 | CNT= 220 |
Process Control Database Update (LOADPCDX)

Description

This job adds the IHR2 function to the UC0CFN table.

Verification

Verification that the UC0CFN table had one record added successfully.
Online Testing: Screen Changes and Helptext

Description

Use online testing to confirm various online changes:

Use the EMNU function to add the new IHR2 function to the IEDB menu.

Use the online EDB Inquiry IHR2 and HDB Inquiry IMTH functions to verify screen changes. Use the online EDB Inquiry INBI function to verify that it functions correctly (the screen processor PPWINBI was changed), and that the new Hours Toward Benefits Eligibility are displayed.

Verification

EMNU Function
Verify that the IHR2 function can be added to the IEDB menu at position 16. This confirms that LOADPCDX successfully loaded the IHR2 function to the UC0CFN table. Also, given the presence of the PRNT function on this menu, the successful update confirms that the changes to PPWEMNU were correctly installed. The DPAR menu can also be manipulated to delete/add functions to confirm that the IBRS function is also exempt from the subsystem menu rule.

IHR2 Function
Verify that the IHR2 function appears on the IEDB menu. Use the IHR2 function with ID 888850009 which has a value for all of the Hours Toward Benefits Eligibility.

Access Help from labels and fields to confirm that data element based field level Help was correctly installed.

Access Help from a non-field or label portion of the screen to verify that screen level Help was correctly installed.

INBI Function
Use the INBI function with 888850009 to display all the Hours Toward Benefits Eligibility.

IMTH Function
Use the IMTH function with 888850009 to display Total Hours Toward Benefits Eligibility loaded by PPP743.

Access Help from the new Total Hours Toward Benefits Eligibility label and field to confirm that data element based field level Help was correctly installed.
Access Help from a non-field or label portion of the screen to verify that the modified screen level Help was correctly installed.
Monthly Periodic Maintenance (RUN130N)

Description

This job executes PPP130 for monthly processing to begin December. It now performs the new process of enrolling casual employees with sufficient Hours Toward Benefits Eligibility into benefits. PPP180 reads the EDB Change File (ECF) created by PPP130 and produces the PPP1800 Data Base Audit Register report.

Verification

Verify that the reported change data in PPP1800 reflects the test cases listed in the release document Test Cases for Benefits Eligibility of Casual Employees (EDB Monthly Maintenance Modifications-Monthly Maintenance to Begin 12/01/00). Note that the PPP2501 report produced in the RUN250C step can also be used to verify results.

Verify that the new benefits eligibility report file was created at DD PPELGRPT. This will be read into PPP138 in the next step.
Benefits Eligibility Reporting (RUN138N)

Description
This job reads the PPELGRPT created by PPP130. Two reports are produced: PPP1382 Employees with 1000 Hours - Eligible for Benefits, and PPP1383 Employees Approaching 1000 Hours Toward Benefits Eligibility.

Verification
Verify that all the test cases that should have been enrolled, and which appear in the previous PPP1800 report, appear on report PPP1382. That one employee, 777000049, was reported the previous month on the PPP1383 report, and now appears on the PPP1382 report.

Verify that all casual employees with greater than or equal to 820 Hours Toward Benefits Eligibility, but less than the 1000 necessary for enrollment, appear on the report. That one employee, 777000039, was reported the previous month on the PPP1383 report, still has not been enrolled, and still appears on the PPP1383 report.
EDB Database Record Display (RUN250C)

Description

This job displays the data on the EDB for the test cases in the 777000*** range.

Verification

This report along with the previous PPP1800 report can be used to verify that the test cases listed in the release document Test Cases for Benefits Eligibility of Casual Employees (EDB Monthly Maintenance Modifications-Monthly Maintenance to Begin 12/01/00) were properly enrolled, or not, in benefits.
Historical Premium Activity Table Initial Load (LOADHPA)

**Description**

This job loads the PPPHPA table.

**Verification**

Ensure that the DB2 PPPHPA table has been successfully restored by verifying normal completion of the job and ensuring that the PPPHPA table has been successfully loaded into the database.
Merge the PAR files (RUN460N)

Description

This job merges the PAR files with a November 2000 pay period end date.

Verification

Confirm that PPP460 ran successfully and that it read the three PAR files created by the three November Computes.
Enrollment File Process (RUN560N)

Description

This job produces the Enrollment File and the new Actual Premium Activity File. PPP560 reads the merged PAR File containing all computes (B2, B1, MO) for the earnings month of November, 2000.

Verification

Ensure that both the Enrollment File at DD PPP5604 and the Actual Premium Activity File at DD PPP5607 were produced.
Enrollment Adjustments (RUN561N)

Description

This job loads the PPPHPA table from data on the Actual Premium Activity File, and creates adjustments for the Enrollment File from PPPHPA data.

Verification

Ensure that both the Enrollment File and the Actual Premium Activity File from PPP560 were read in.
Enrollment Reporting (RUN562N)

Description

This job reads the updated Enrollment File, including adjustments, created by PPP561.

Verification

Casual employees enrolled in benefits due to achieving the required Hours Toward Benefits Eligibility should have the premium for their initial month of eligibility waived, as for newly hired employees. When they are enrolled they receive a Period of Initial Eligibility, and a PIE End Date is established for them. Adjustments should not be created for months containing the beginning of the PIE, i.e. November in these test cases.

Confirm that adjustments were not created for any of the newly enrolled test cases.