

**Test Plan
Release 1669**

Salary Cap Error Reporting File

October 27, 2005

Information Resources and Communications
Office of the President
University of California

Batch Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1669. The batch portion is made up of the following components:

1. Control Table Data Base (CTL) Initial Load (LOADCTL)
2. Employee Data Base (EDB) Initial Load (LOADEDDB)
3. Payroll Audit Record Data Base (LOADPAR)
4. Monthly PAR Display (RUN470)
5. Salary Cap Error Reporting File Creation (RUN531)
6. Tab Delimited File Display (RUN537)

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 members in PDS UDB2CTL already reflect the updates applied to the DB2 Control tables. These CTL transaction updates reflect the following CARDLIB members: MSGPROD

Employee Data Base (EDB) Initial Load (LOADEDDB)

Description

This job loads the EDB database for the File Maintenance run.

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.

Payroll Audit Record Data Base (LOADPAR)

Description

This job loads the PAR database which is necessary for the RUN531 job.

Verification

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

Monthly PAR Display (RUN470)

Description

This job runs PPP470 to print the Payroll Audit Report for the July earnings. This job uses the sequential PAR which is reflective of the DB2 PAR entries which will be selected by the July run of PPP531. The purpose of this run is to provide a formatted report of earnings which are eligible for inclusion on the Salary Cap Error Reporting File.

Verification

In order to assure successful completion of this job, verify the normal completion of the job. Note that PPP470 has not changed for this release.

Salary Cap Error Reporting File Creation (RUN531)

Description

This job runs the Salary Cap Error Reporting File Creation program PPP531. The intent is to verify the successful creation of this file. The primary input to this process is the DB2 PAR. The month selected is July 2005.

Verification

In order to assure successful completion of this job, verify all SYSOUT run listings contained in the REPORTS dataset.

The following files are available for comparison:

File Name	Created by
NIHTAB	PPP531

Additionally, an unformatted display of the Salary Cap Error Reporting File (i.e., "NIHTAB") is contained as the final step of this job. Furthermore, the next Job step within this test plan (i.e., RUN537) will produce a formatted display of the file.

Tab Delimited File Display (RUN537)

Description

This job produces a formatted display of the Salary Cap Error Reporting File. This job, in conjunction with the PPP470 run is useful in verifying the results of PPP531 (RUN531) job. Also note that a listing of the Fund Group Table and Assessment Rate Table (ART) is available in REPORTS (LISTFND) and (LISTART), respectively. These two tables are necessary for rate cap limitation calculations.

Verification

In order to assure successful completion of this job, verify all SYSOUT run listings contained in the REPORTS dataset.

Examine the PPP5372 report created by PPP537. This report was, at Input Specification option, produced in Home Department order (within Home Department, the report sequence is Employee Name/Earnings Date/FAU order. Note the following employees:

- Porter, Wes E., Employee ID '333333103', Page 2 – This employee had two payments during the month. The second payment (Title 4419 and FAU '3427701 65000 1') has a monthly rate of 17,001.00 with an Earnings Date of 07/31/05. The Fund '65000' was used to search the Fund Group table for Grouping Definition "SALRYCAP" and a match was made for Group Code 'SAMH'. Using the Benefit Assessment Type "CAP", Assessment Rate Code "SAMH" (as per returned Group Code) and Search Date of 7/31/05 (i.e., Earnings Date), a search of the Assessment Rate Table (ART) was made to determine maximum rate in effect for the Fund. The highest date match found which was not in advance of the Search Date indicates an annual rate of 204,000.00. When this amount is divided by 12 months, the result is a monthly cap of 17,000.00. Therefore, since the payment had a Monthly Rate of 17,001.00, the earnings was flagged as over the Monthly Rate Cap and the employee's earnings during the month were included on the report.
- Carter, Helena Bonham, Employee ID '000050001', Page 1 – This employee had a payment during the month for Title 0774. The second of these payments had an Earnings Date of 06/30/04 and FAU '3401920 23492 1'. The Fund '23492' was used to search the Fund Group table for Grouping Definition "SALRYCAP" and a match was made for Group Code 'NIHC'. Using the Benefit Assessment Type "CAP", Assessment Rate Code "NIHC" (as per returned Group Code) and Search Date of 06/30/04 (i.e., Earnings Date), a search of the Assessment Rate Table (ART) was made to determine maximum rate in effect for the Fund. Since the search date was less than the earliest Effective Date for the NIHC Assessment Rate Code, The process defaulted to a maximum Salary Cap of 99999.99 and included the employee on the report.

Release 1669 Test Plan
October 27, 2005

- Roosevelt, Eleanor, Employee ID “701000069”, Page 3 – This employee had a BYA payment (i.e., DOS = SMN) which was not applicable to rate limitation (i.e., the Fund of 19900 was not matched to one of the ‘SALRYCAP’ Fund Group entries). However, since the employee also received at least one payment during the month (i.e., Fund 65000) which fell under rate limitation (even though it was not over the limit), the employee was included on the report.

Online Testing

Test materials were not provided for the online test

A minor change was applied to PPEC603. As per Release 1647, the ART Table Effective Date rate selection was based on the last day of the current Process Month unless the Distribution Begin Date fell after the current Process Month (i.e., a future distribution) in which case the Distribution Begin Date was used. Program PPEC603 has been modified in this current release to always use the Distribution Begin Date when determining the proper ART Salary Cap rate.

To test proper installation, select an EDB distribution which falls under Rate Cap restrictions based on your campus Fund Group Table and ART table. Change the EDB Distribution Begin Date to a point earlier than the earliest applicable ART Effective Date. Warning message 08-647 (“SALARY CAP RATE NOT FOUND FOR APPLICABLE TIME PERIOD”) should be issued. Otherwise, if other testing is desired, message 08-648 (“PAY RATE GREATER THAN ALLOWABLE CAP FOR FUND SOURCE”) should only be issued when the distribution PAY Rate is over the Cap based on a Distribution Begin Date search of the ART..