

**Release 1691**  
**Service Requests 16976 & 16963**  
**Postdoc Follow-up**

**Test Plan**

2/21/06

Information Resources & Communications  
Office of the President  
University of California

## **BATCH Testing**

### **Testing Overview**

This test plan addresses the test runs and cases constructed to verify the correct installation of program modifications identified in the release cover letter.

This test plan is made up of the following components:

1. Load DB2 Tables
2. Run Monthly (“MO”) Compute
3. Expense Distribution Processing

### **Load DB2 Tables**

#### **Job Run Instructions**

1. LOADEDDB. Load the test version of the DB2 EDB using RLSE.UDB2EDB.
2. LOADCTL. Load the test version of the DB2 CTL. This file has been updated with the release supplied updates.
3. LOAETH. Load the test version of the DB2 ETH (i.e. Expense Transfer History).

#### **Verification**

Output reports (SYSOUT) for all jobs are provided for verification in the REPORTS dataset. Ensure that the above tables have been successfully loaded by verifying normal completion of the jobs and utility highest condition codes.

## Run Monthly (“MO”) Compute

### Job Run Instructions

1. RUN250. This job prints selected EDB records and may be used to verify EDB input values prior to the compute process run below.
2. RUNMO. This job runs the MO (01/31/06 End Date) Compute Process. A PAR listing (PPP440) is among the output provided.

### Verification

Output reports (SYSOUT) for all jobs are provided for verification in the REPORTS dataset. It is important to verify all reports especially those involving reconciliation between Job steps. Additionally, sequential files and/or downloaded DB2 tables are available for machine verification where noted in the Instructions.

Additionally, the following sequential files are provided for comparison:

JCL Dataset	Output Program
XPPIMO	PPP340
XPIAMO	PPP350
XCPAMO	PPP380
XCHG39MO	PPP390
XPAR39MO	PPP390
XCOM39MO	PPP390
XPAR40MO	PPP400
XCHG40MO	PPP400
XCHG41MO	PPP410
XFNPARMO	PPP410

Note the following test considerations:

- A. Examine the PPP3601 Edit report. Employee 901000002 has an AP transaction with DOS “FEN” which is rejected with message 36-429 because the individual’s Citizenship Code value is F and Nonresident Aliens may not be paid with FEN earnings.
- B. Examine the PPP4003 Gross-to-Net warning report. Employee 000050032 received multiple large BYA payments which caused the FWT deduction amount to be truncated (refer PPP4401 PAR report). Message 40-090 is issued for the employee. Also verify that the full Net Pay and Grosses (i.e., 999,999.99) are displayed on the PPP4401 report (additionally verify that these full grosses are displayed on the PPP4701 report which will be generated on the next step of the test play: i.e., RUNEXP)..
- C. Examine the PPP4401 PAR report. Individual 501000003 had a “PDD” payment. Since PDD payments are subject to normal taxation, the PAR Fellowship Gross was zero as reflected by no presence of a YTD Fellowship Gross (i.e., DE 5555).
- D. Examine the PPP4401 PAR report. Individual 501000010 with Citizenship Code value “N”, had a “FEL” payment. Note that the FWT Gross is Zero and the payment is reflected in the YTD Fellowship Gross (DE 5555). The FEL NRA FWT deduction of 500.50 is 14% of the FEL Gross of \$3,575.00 (i.e., no reductions are applied to the FEL Gross prior to tax development).
- E. Examine the PPP4401 PAR report. Individual 901000004 with Citizenship Code value “E” had a “FEL” payment of \$7000. Note that the FWT Gross is Zero. This individual had a Tax Treaty Limit of \$5000 and a beginning YTD Tax Treaty Gross of \$2000 (i.e., he had a FEL payment of 2000 on the B1 cycle). Therefore, the first \$3000 of this current payment was applied to the YTD Tax Treaty Gross and the remaining \$4000 was applied to the YTD Fellowship Gross and taxed at the 14% rate (J1 Visa) as though the individual were a Citizenship Code “N”. That is, the FEL NRA FWT deduction was \$560 (i.e., 4000 X 14%).
- F. Examine the PPP4401 PAR report. Individual 901000006 with Citizenship Code value “A”, had a “FEL” payment. Note that the FWT Gross is Zero and the payment is reflected in the YTD Fellowship Gross (DE 5555). The FEL NRA FWT deduction of 1,120.00 is 14% of the FEL Gross of \$8000.00 (with F1 Visa).
- G. Examine the PPP4401 PAR report. Individual 901000023 with Citizenship Code value “N” had a “FEL” payment. The FWT Gross is Zero. Note that the FEL payment of \$5,600 plus the total Imputed Income of 84.20 is reflected in the YTD Fellowship Gross (DE

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5555). The FEL NRA FWT deduction of 1,705.26 is 30% of the FEL Gross and imputed income.

## **Run Expense Distribution.**

### **Job Run Instructions**

RUNEXP. This job executes a sample monthly Expense Distribution process by running the following steps: PPP470, PPP500, PPP520, and PPP530. The PAR is the primary input to this process. The major intent of Job RUNEXP is to verify that the Postdoc Workers' Compensation benefit is appropriated prorated among eligible distributions.

### **Verification**

Output reports (SYSOUT) for the job are provided for RUNEXP verification in the REPORTS dataset.

The following sequential files are provided for comparison:

JCL Dataset	Output Program
CONBEN	PPP500
EDWJAN	PPP520
GLTRANS	PPP530
TOEUPJAN	PPP530
UIMAGEPR	PPP530

### **Points of Verification.**

1. Note that individual 501000047 on the PPP4701 PAR report has two FEN earnings and a PDW earnings. Under this data situation, the flat rated Postdoc WC benefit of 29.89 (Sys Parm 192) should be pro-rated among the two FEN distributions. The first FEN payment for

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1,000 is represented on page 000067 of the PPP5302 report. Since this is  $\frac{1}{4}$  of the total Title 3253 earnings, the WC amount of 7.47 is charged (i.e.,  $\frac{1}{4} \times 29.89$ ). The second FEN payment of 3,000 (see page 79 of the PPP5302) receives the remaining amount of 22.42 (i.e.,  $\frac{3}{4} \times 29.89$ ).

2. Individual 501000053 on the PPP4701 PAR report has only a single PDW earnings. Under this data situation, as long as no FBA FAUs are present on the EDB record, the PDW FAU should be assigned the full WC benefit of 29.89. See page 000049 of the PPP5302 report for Sub 6.
3. Now, examine the Location Final Summary Page (i.e., page 000193 of the PPP5302 report. The standard Workers' Comp amount of 99,917.33 plus the Postdoc Workers' Comp amount of 597.80 equals the total amount assigned to the PPP5206 Workers' Compensation Report.

### **RUN771.**

This job executes a sample monthly run of PPP711 to produce the PPP7112 Fellowship/Scholarship Payments and Taxes report for non-resident aliens. This report process has been modified to exclude Citizenship Status Codes "E" and "F".

### **Verification**

Output reports (SYSOUT) for the job are provided for RUN777 verification in the REPORTS dataset.

### **PPP480**

Release materials are not provided for testing this program. If your campus uses this program, local materials should be developed.

### **ONLINE Testing**

Test materials are not supplied for online testing. Module PPRCGRSS (Rush Checks) has been modified so that DOS "PDD" payments are no longer added to Fellowship Gross. Note that this change is necessary to keep this process in sync with the standard Payroll Compute process. Since, in Rush Checks, the Fellowship Gross is not used for computations nor is the YTD Fellowship Gross

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immediately updated by the Rush Check process, there is no functional change to Rush Checks by this modification. Therefore, a “before” and “after” test may be made with the same results.