

RELEASE 1740

**Change to Medical Contribution Base
Calculation
Service Request 81679**

Test Plan

November 13, 2006

Application Technology Services
Information Resources & Communications
Office of the President
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Testing Overview

This document addresses the test runs and cases constructed to verify the correct installation of Release 1740. 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. Explicit EDB Maintenance (ON-LINE)
4. Periodic Monthly Maintenance (SETPER)
5. Special WEB/IVR Maintenance Run (IVRWEB)
6. Employee Data Base (EDB) Initial Load (LOADEDDB2)
7. Execute Job PPP570 (RUN570)
8. Execute EDB Maintenance (EDBMAINT)

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.

EXPLICIT EDB MAINTENANCE (ON-LINE)

Description

In order to verify that program PPEI720 has been installed correctly, a new employee needs to be hired.

- Log on to the test CICS region
- Execute the new employee hiring bundle
- Use the following screens to set-up the test employee
- **For the Distribution Pay Rate, enter \$3333.34**

PPEEID0-E1253	EDB Entry/Update	HIRE 10/27/06 14:41:51	
	Employee Identification	Userid: PAYRBG	
Employee ID	: 123456789		
SSN	: 123456789		
First Name	: MCB		
Middle Name	:		
Last Name	: TEST101		
Suffix	:		
Result	: MCB, TEST101		
Date of Birth	: 010574		
Intercampus Transfer:			
Next Func:	ID:	Name:	SSN:
U0001	Input accepted		
===>			
F: 1-Help	2-Cancel	4-Print	5-Update
F:	9-Jump		11-NextFunc

Press the ENTER key

Press F11 to continue in the hiring process.

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PPEADD0-E1302	EDB Entry/Update	HIRE 10/27/06 14:43:43
	Employee Address Data	Userid: PAYRBG
ID: 123456789 Name: MCB, TEST101	Emp Stat:	Pri Pay:
Permanent Address Line 1: 3839 MAIN STREET		
Line 2:		
City: OAKLAND State: CA Zip: 94612		
Foreign Addr Ind:	Prov:	Country:
Postal Code:		
Home Phone:	Spouse Name:	
Campus Release Codes - Perm Address: NO Home Phone: NO Spouse Name: NO		
Employee Organization Disclosures - Perm Address: YES Home Phone: YES		
Campus Address Line 1:		
Line 2:		
City: State: Zip:		
Campus Phone 1:	Phone 2:	
Campus Room:	Building:	
Next Func:	ID:	Name: SSN:
====>		
F: 1-Help	2-Cancel	4-Print 5-Update
F:	9-Jump	10-PrevFunc 11-NextFunc

Press F11 to continue in the hiring process.

PPEPD10-E1450	EDB Entry/Update	HIRE 10/27/06 14:45:48
	Employee Personal Data 1	Userid: PAYRBG
ID: 123456789 Name: MCB, TEST101	Emp Stat:	Pri Pay:
Date of Birth: 010574		
Sex: F		
Ethnic: U		
Veteran Status Codes - Vietnam: War/Campaign: Disability:		
Recently Separated Veteran Date:		
Disabled Status:		
Citizenship: C		
Student Status: 1 No. of Reg. Units:		
Next Func:	ID:	Name: SSN:
====>		
F: 1-Help	2-Cancel	4-Print 5-Update
F:	9-Jump	10-PrevFunc 11-NextFunc

Press F11 to continue in the hiring process.

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PPEPER0-E1710	EDB Entry/Update	HIRE 10/27/06 14:47:10
	Personnel-Miscellaneous	Userid: PAYRBG
ID: 123456789 Name: MCB, TEST101	Emp Stat:	Pri Pay:
Assigned BELI: 1 Derived BELI : Effective Date: 080106		
BELI Status Qualifiers: Primary: Date: Secondary: Date:		
Date of Hire : 070106	Original Hire Date:	
Employee Relations Code : A	Employee Relations Unit:	
Probationary Period End Date : 070107		
Next Salary Review Date :	Next Salary Review Type:	
Merit Rate Increase Percent :		
Home Department : 804918		
Primary Title Code :		
Employee Unit Code :	Employee Representation Code :	
Employee Special Handling Code:	Employee Distribution Unit Code:	
Job Group ID :	Special Training Required Code :	
Alternate Department Code :		
Academic Programmatic Unit Cd :		
Next Func: ID: Name: SSN:		
====>		
F: 1-Help	2-Cancel	4-Print 5-Update
F:	9-Jump	10-PrevFunc 11-NextFunc

Press F11 to continue in the hiring process.

PPEPD20-E1529	EDB Entry/Update	HIRE 10/27/06 14:48:42
	Employee Personal Data 2	Userid: PAYRBG
ID: 123456789 Name: MCB, TEST101	Emp Stat:	Pri Pay:
Oath Signature Date: 070106		
I-9 Date: 070106		
Education Level Code:		
Education Level Year:		
Non-UC Prior Service Code:		
Prior Service Months:		
Prior University Service Institution Code:		
Employment Service Credit:		
Employment Service Credit From Date:		
Current Specialty Code:		
Highest Degree Specialty Code:		
Highest Degree Institution Code:		
Next Func: ID: Name: SSN:		
====>		
F: 1-Help	2-Cancel	4-Print 5-Update
F:	9-Jump	10-PrevFunc 11-NextFunc

Press F11 to continue in the hiring process.

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For the Distribution Pay Rate, enter \$3333.34

```

PPEAPP0-E1595          EDB Entry/Update          HIRE 10/27/06 14:53:43
                      Appointments/Distributions      Userid:  PAYRBG
ID: 123456789 Name: MCB, TEST101          Emp Stat:      Pri Pay:
      PAF Gen No:                          Page 1 of 1
Appt  Actions  Pgm Typ Bas Pd Ovr   Appt Begin  Appt End Dur Dept   FLSA SubL
 10           2                070106    123106   B 804918      MD
Title                                     Grade %Full F/V Ann/Hr Rate  Rt Sch Time Lv
9116 HOME HEALTH NURSE III                1.00   F                A  MO   E   A

Dist  Actions L Acct   CC   Fund PC      S              FTE  Dis %
 11           3 404918   19900    2 CHANCELLOR'S OFFICE    1.00 1.0000
      Pay Begin  Pay End  Step  O/A  Rate/Amount  DOS  PRQ  DUC  WSP
      070106    123106                3333.34   REG

Dist  Actions L Acct   CC   Fund PC      S              FTE  Dis %

      Pay Begin  Pay End  Step  O/A  Rate/Amount  DOS  PRQ  DUC  WSP

Next Func:      ID:      Name:      SSN:

===>
F:  1-Help      2-Cancel      4-Print      5-Update
F:              9-Jump        10-PrevFunc  11-NextFunc
  
```

Press F5 to add the employee.

Verification

After completing the hiring this employee, go to the EINS screen and confirm that the Contribution Base field reflects the dollar amount as it appears below.

```

PPEINS0-E1625          EDB Entry/Update          10/27/06 14:55:05
10/27/06 14:54:38      Insurance Enrollment      Userid:  PAYRBG
ID: 123456789 Name: MCB, TEST101          Emp Stat:  A      Pri Pay: MO
Assigned BELI: 1   Derived BELI: 1   Effective Date: 080106
BELI Status Qualifiers: Primary:      Date:      Secondary:      Date:
CURRENT ENROLLMENTS
      Plan  Cov Eff Date End Date   Opt Out              BRSC
Medical   CM   U    080106
Dental    D1   U    080106
Vision    VI   U    080106
Legal
Future Enrollment Pending: NO   State Dom Part Dec:      Contribution Base: 40
                                Cov Eff Date              BRSC
AD&D      Prin Sum:      Coverage   :
Disability Wait Per:      Salary Base: 3334
Supplemental Life :      Salary Base: 41
Dependent Life Plan:
Basic Life      :      Salary Base: 040      080106
Insurance Reduction Code :
  
```

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Next	Func:	ID:	Name:	SSN:	
===>					
F:	1-Help		3-PrevMenu	4-Print	5-Update
F:			9-Jump		12-Exit

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PERIODIC MONTHLY MAINTENANCE (SEPTPER)

Description

Periodic Monthly Maintenance to begin 09/01/2006. The Periodic Monthly Maintenance process insures the batch version of program PPEI720 has been installed correctly. Program PPEI720 will re-derive the MCB - Current amount for employees with a MCB – Current amount of \$0 and has a distribution that ends and a new distribution beginning at a month boundary.

Verification

Review the PPP1800 report, locate employees **650000701 – 650000704**. These employees should contain entries for data elements 0289 and 0290. This confirms that the Medical Contribution Base – Current and Medical Contribution Base – Next have been re-derived and that the EDB has been updated with the correct values.

Employee Id	Dist. Pay Rate	Annualized Salary	MCB Current	MCB Next
650000701	3333.41	40,000.92	40	40
650000702	6666.74	80,000.88	80	80
650000703	6666.75	80,001.00	81	81
650000704	10000.08	120,000.96	120	120

Refer to Attachment A for actual test results.

SPECIAL DAILY WEB/IVR MAINTENANCE (IVRWEB)

Description

This job runs the special daily file maintenance to process transactions from the web and outside sources. This test processes HE transactions to enroll employees in medical plans. A set of HE transactions is included in the CARDEXP of the release materials.

Verification

The expected results of this test are the re-derivation of the MCB Current amount for test employee. Use the PPP1800 report to verify that the test employees have been updated with the correct MCB values.

Employee Id	Dist. Pay Rate	Annualized Salary	Prev. MCB - Curr	Prev. MCB Next	MCB Curr.	MCB Next
650000001	3,333.34	40,000.08	Blank	Blank	40	40
650000003	3,333.42	40,001.04	Blank	Blank	41	41
650000005	6,666.74	80,000.88	Blank	Blank	80	80

Refer to Attachment B for actual test results.

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EMPLOYEE DATA BASE (EDB) INITIAL LOAD (LOADEDDB2)

Description

This job loads the EDB database with the information needed to perform the next set of tests. The processing date will be set to January 2007.

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.

JOB PPP570 (RUN570)

Description

Program PPP570 is responsible for computing the MCB - Next field. The program then generates X1 transaction so the MCB Next field on the EDB will be updated. The process to calculate the MCB – NEXT is run yearly in January.

Verification

Program PPP570 produces an output file containing X1 transactions for the newly computed MCB – Next amount with element number of 0290. Use the table below to verify the successful installation of program PPP570. Additional verification of the successfully execution of PPP570 will happen in the next step.

Employee Id	MCB Next (updated)
650000711	40
650000712	41
650000713	80
650000714	81
650000715	120
650000716	121

In addition, compare the resulting output file to a comparable file included as part of the release. The comparison insures the program is working correctly.

Expected Results in Output Record Layout.

```
-----+-----1-----+-----2-----+-----3-----+-----4-----+-----5-----+-----6-----+-----7-----
X1 65000071110240602909040
```

- Transaction Identifier (cols 1 -2)
- Employee ID (cols 4 – 12)
- Current Process Date (cols 13 – 18)
- EDB Element Number (cols 19 – 22)
- EDB Element Number Check Digit (cols 23)
- Transaction Amount (cols 24 – 26)

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EDB Maintenance (EDBMAINT)

Description

The purpose of executing the EDB Maintenance is to update Medical Contribution Base – Next field (EDB290). This is accomplished by using the X1 transactions, which were created by program PPP570, as input.

Verification

The Explicit EDB Maintenance will be used to verify the successful execution of job PPP570. Use the PPP1800 report to verify that the X1 transactions, generated in PPP570, successfully updated the MCB – Next field (EDB290) for the employees listed below.

Employee Id	Dist. Pay Rate	Annualized Salary	MCB Next (prev.)	MCB Next (updated)
650000711	3,333.41	40,000.92	36	40
650000712	3,333.42	40,001.04	36	41
650000713	6,666.74	80,000.88	36	80
650000714	6,666.75	80,001.00	36	81
650000715	10,000.08	120,000.96	36	120
650000716	10,000.09	120,001.08	36	121

Refer to Attachment C for actual test results.

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- Attachments – Test Results
- Attachment A -- PERIODIC MONTHLY MAINTENANCE
- Attachment B – IVR/WEB
- Attachment C – EDB MAINTENANCE

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Attachment A - PERIODIC MONTHLY MAINTENANCE

PPP1800/PPP180 /060298 000118			UNIVERSITY OF CALIFORNIA-SYSTEMWIDE		PAGE NO.
RETN: SEE RPTS DISP SCHEDULE/DIST. 10/26/06			DATA BASE MAINTENANCE		RUN DATE
DATA BASE UPDATE DATE 09/01/06			DATA BASE AUDIT REGISTER		
EMPLOYEE	ACTION		E L E M E N T		
ID NBR	DATE	NAME	NUMBER DESCRIPTION	PREVIOUS CONTENT	CURRENT
CONTENT					
650000701 N	08/01/06	MCB, TEST701	0778 EMPL LEVEL WOS		
			0289 MED CONBASE CUR		40
			0290 MED CONBASE NXT		40
650000702 N	08/01/06	MCB, TEST102	0778 EMPL LEVEL WOS		
			0289 MED CONBASE CUR		80
			0290 MED CONBASE NXT		80
650000703 N	08/01/06	MCB, TEST703	0778 EMPL LEVEL WOS		
			0289 MED CONBASE CUR		81
			0290 MED CONBASE NXT		81
650000704 M	08/01/06	MCB, TEST704	0362 CUR-BEN COV IND		
			0289 MED CONBASE CUR		120
			0290 MED CONBASE NXT		120

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Attachment B – IVR/WEB

PP1800/PPP180 /060298 000001			UNIVERSITY OF CALIFORNIA-SYSTEMWIDE	PAGE NO.
RETN: SEE RPTS DISP SCHEDULE/DIST. 10/30/06			DATA BASE MAINTENANCE	RUN DATE
DATA BASE UPDATE DATE 09/01/06			DATA BASE AUDIT REGISTER	
EMPLOYEE	ACTION		E L E M E N T	
ID NBR	DATE	NAME	NUMBER DESCRIPTION	PREVIOUS CONTENT
CONTENT				CURRENT
650000001	01/01/07	MCB, TEST01	0289 MED CONBASE CUR	40
			0290 MED CONBASE NXT	40
650000003	01/01/07	MCB, TEST03	0289 MED CONBASE CUR	41
			0290 MED CONBASE NXT	41
650000005	01/01/07	MCB, TEST05	0289 MED CONBASE CUR	80
			0290 MED CONBASE NXT	80

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Attachment C – EDB MAINTENANCE

PPP1800/PPP180 /060298 000006			UNIVERSITY OF CALIFORNIA-SYSTEMWIDE		PAGE NO.
RETN: SEE RPTS DISP SCHEDULE/DIST. 11/01/06			DATA BASE MAINTENANCE		RUN DATE
DATA BASE UPDATE DATE 01/01/07			DATA BASE AUDIT REGISTER		
EMPLOYEE	ACTION		E L E M E N T		
ID NBR	DATE	NAME	NUMBER DESCRIPTION	PREVIOUS CONTENT	CURRENT
650000711	09/01/06	MCB, TEST711	0101 LAST ACTION	20	99
			0290 MED CONBASE NXT	36	40
650000712	09/01/06	MCB, TEST712	0101 LAST ACTION	20	99
			0290 MED CONBASE NXT	36	41
650000713	09/01/06	MCB, TEST713	0101 LAST ACTION	20	99
			0102 LAST ACTION OTH	4050	204050
			0290 MED CONBASE NXT	36	80
650000714	09/01/06	MCB, TEST714	0101 LAST ACTION	20	99
			0102 LAST ACTION OTH	4050	204050
			0290 MED CONBASE NXT	36	81
650000715	09/01/06	MCB, TEST715	0101 LAST ACTION	20	99
			0290 MED CONBASE NXT	36	120
650000716	09/01/06	MCB, TEST716	0101 LAST ACTION	20	99
			0290 MED CONBASE NXT	36	121