

Test Plan
RELEASE 1758

Maximum OASDI Gross Limit Size Increase

March 6, 2007
08:00 AM
J. Quan

Information Resources and Communications
Office of the President
University of California

Table of Contents

TESTING OVERVIEW	1
CONTROL TABLE (CTL) INITIAL LOAD (LOADCTL)	2
EMPLOYEE DATA BASE (EDB) INITIAL LOAD (LOADEDDB)	3
PERIODIC EDB MONTHLY MAINTENANCE (EDBMONTH)	4
EMPLOYEE DATA BASE (EDB) INITIAL LOAD (LOADEDDB2)	6
MO COMPUTE PROCESS (CJAN07MO)	7
W-2 PROCESS (RUN600)	11
RUSH CHECKS	13

Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1758. The test 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. Periodic Monthly Maintenance (EDBMONTH)
4. Employee Data Base (EDB) Initial Load (LOADEDDB2)
5. MO Compute Process (CJAN07MO)
6. W-2 Process (RUN600)
7. Rush Checks

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 specifically for the *Periodic Monthly Maintenance* test.

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.

Periodic EDB Monthly Maintenance (EDBMONTH)

Description

Periodic Monthly Maintenance-to-Begin February 1, 2007.

This job tests the changes to module PPEM101. Module PPEM101 calculates the imputed income for the Executive Life Insurance Plan. The calculated imputed income is added to the employee's YTD OASDI Gross, capped at **97,500.00**.

Verification

Verify the YTD OASDI Grosses (EDB 5503) in report PPP1800 for the Employee IDs listed in the following table:

Employee ID	Current EDB Status			Imputed Executive Life Income	EDB Status After Periodic Monthly Maintenance to begin February			Comments
	YTD FICA Gross (EDB5503)		YTD Executive Life Income (EDB 5518)		YTD FICA Gross (EDB5503)		YTD Executive Life Income (EDB 5518)	
301000001	97,500.00		0.00	55.20	97,500.00		55.20	YTD OASDI Gross of 97,500.00 already reached.
301000002	97,499.00		0.00	55.20	97,500.00		55.20	YTD OASDI Gross capped at 97,500.00.
301000003	97,000.00		0.00	55.20	97,055.20		55.20	(YTD OASDI Gross) 97,000.00 + 55.20 = 97,055.20.

Employee ID 301000001

E L E M E N T NUMBER DESCRIPTION	PREVIOUS CONTENT	CURRENT CONTENT
5518 EXEC. LIFE INC.	.00	55.20

Employee ID 301000002

E L E M E N T NUMBER DESCRIPTION	PREVIOUS CONTENT	CURRENT CONTENT
5518 EXEC. LIFE INC.	.00	55.20
5503 FICA YTD GROSS	97499.00	97500.000

Employee ID 301000003

E L E M E N T

Maximum OASDI Gross Limit Size Increase
Test Plan Document
March 6, 2007

NUMBER	DESCRIPTION	PREVIOUS CONTENT	CURRENT CONTENT
5518	EXEC. LIFE INC.	.00	55.20
5503	FICA YTD GROSS	97000.00	97055.20

EMPLOYEE DATA BASE (EDB) INITIAL LOAD (LOADEDDB2)

Description

This job loads the EDB database specifically for the *MO Compute* test.

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.

MO Compute Process (CJAN07MO)

Description

This job processes the MO Compute with a Pay Period End Date of '013107' (January 31, 2007).

Verification

Compare MO Compute output Files

At UCOP the MO compute was run using the unmodified modules and the Base Line output files saved from PPP390, PPP400, PPP420, including the final PAR File. Next, the MO compute is run again executing the modified programs, and the same output files are saved. Thus, the two sets of output files are compared using COMPAREX to verify that no differences are found between the two sets of output files. Campuses can compare the output files from the two MO computes using COMPAREX or another local tool or software, if desired.

The output PAR file produced from the Compute running with unmodified modules and output PAR file produced from the Compute running with modified modules were compared using COMPAREX.

Final PAR File:

PAYJXQ.RLSE.FNLPAR: Produced from modified programs.

PAYJXQ.TST.FNLPAR.JN07MOX: Produced from unmodified programs.

SYSUT1=**PAYJXQ.TST.FNLPAR.JN07MO**
DCB=(DSORG=PS,RECFM=VB,LRECL=369,

VOL=SER=PR1025

SYSUT2=**PAYJXQ.TST.FNLPAR.JN07MOX**
DCB=(DSORG=PS,RECFM=VB,LRECL=369,

VOL=SER=PR1023

DATA,FORMAT=02

(FORMAT EXPLANATION: FULL SYSUT1 FOLLOWED BY DIFFERING LINES OF SYSUT2)

SERENA COMPAREX (MVS - 8.4.3 - 2003/105) COMPARE SATURDAY MARCH 3,
2007

YJXQ.TST.FNLPAR.JN07MO,SYSUT2=PAYJXQ.TST.FNLPAR.JN07MOX

END OF DATA ON FILE SYSUT1

END OF DATA ON FILE SYSUT2

RECORDS PROCESSED: SYSUT1(18291)/SYSUT2(18291),DIFFERENCES(0)

TIME OF DAY AT END OF JOB: 15:54:09 - CONDITION CODE ON EXIT: 0

Surepay Advice Form:

If campuses are using the EDB data provided from this release, verify the Maximum OASDI Gross Limit displayed under the column of "COVERAGE" for the following employees:

Employee ID 301000004

This employee has already reached the OASDI Gross Limit 97,500 before the Compute is run. Thus, the maximum OASDI Gross Limit is not displayed.

CURRENT EARNINGS/DED	CURRENT UNIV CONTRIBUTION	YEAR-TO-DATE EARNINGS/DED	DESCRIPTION	COVERAGE
\$10,000.00		\$10,000.00		
181.00		181.00	% of Gross less \$19	
145.00		145.00	1.45% of Gross	No Limit
		6,045.00		
2,213.08		2,213.08		
709.39		709.39		
	48.00			Self
	37.27		Delta Dental	Self
	13.45		Vision Service	Self
\$3,248.47		\$9,293.47		
	\$98.72			
\$6,751.53		\$706.53		

Employee ID 301000005

This employee has not yet reached the maximum OASDI Gross Limit of 97,500.00. The employee's YTD OASDI Gross before the Compute run is 97,499.00. The OASDI deduction is calculated as: $1.00 \times 6.2\% = 0.06$. Note that the display of the Maximum OASDI Gross Limit of \$97,500.00 has been moved to the right by one position to accommodate the display of the maximum OASDI Gross Limit of over \$99,999.99.

CURRENT EARNINGS/DED	CURRENT UNIV CONTRIBUTION	YEAR-TO-DATE EARNINGS/DED	DESCRIPTION	COVERAGE
\$10,000.00		\$10,000.00		
181.00		181.00	% of Gross less \$19	
145.00		145.00	1.45% of Gross	No Limit
.06		6,045.00	6.2% of Gross	\$97,500.00
2,213.08		2,213.08		
709.39		709.39		
	48.00			Self
	37.27		Delta Dental	Self
	13.45		Vision Service	Self
\$3,248.53		\$9,293.47		
	\$98.72			
\$6,751.47		\$706.53		

Employee ID 301000006

This employee has not yet reached the maximum OASDI Gross Limit of 97,500.00. The employee's YTD OASDI Gross before the Compute run is 97,000.00. The OASDI deduction is calculated as: $500.00 \times 6.2\% = 31.00$.

Maximum OASDI Gross Limit Size Increase
 Test Plan Document
 March 6, 2007

CURRENT EARNINGS/DED	CURRENT UNIV CONTRIBUTION	YEAR-TO-DATE EARNINGS/DED	DESCRIPTION	COVERAGE
\$10,000.00		\$10,000.00		
181.00		181.00	% of Gross less \$19	
145.00		145.00	1.45% of Gross	No Limit
31.00		6,045.00	6.2% of Gross	\$97,500.00
2,213.08		2,213.08		
709.39		709.39		
	48.00			Self
	37.27		Delta Dental	Self
	13.45		Vision Service	Self
\$3,279.47		\$9,293.47		
	\$98.72			
\$6,720.53		\$706.53		

PPP4401 Report

Verify the results of the reported YTD OASDI Gross (EDB 5503) and current OASDI deduction (GTN 013) on the PPP4401 for the following Employee IDs:

Employee ID	Current EDB Status			EDB Status After January MO Compute			Comments
	Pay Rate	YTD FICA Gross (EDB5503)	OASDI Taxes (GTN 013-Y)	YTD FICA Gross (EDB5503)	OASDI Taxes (GTN 013-Y)	Current OASDI Taxes Taken	
301000001	10,000	97,500.00	6,045.00	97,500.00	6,045.00	No OASDI Taken	YTD OASDI Gross of 97,500.00 already reached
301000002	10,000	97,499.00	6,044.94	97,500.00	6,045.00	0.06	Remaining Gross of 1.00 x 6.2 = 0.06
301000003	10,000	97,000.00	6,014.00	97,500.00	6,045.00	31.00	Remaining Gross of 500.00 x 6.2 = 31.00
301000004	10,000	97,500.00	6,045.00	97,500.00	6,045.00	No OASDI Taken	YTD OASDI Gross of 97,500.00 already reached. Verify maximum OASDI Gross Limit not displayed on paper Surepay
301000005	10,000	97,499.00	6,044.94	97,500.00	6,045.00	0.06	Remaining Gross of 1.00 x 6.2 = 0.06. Verify maximum OASDI Gross Limit on paper Surepay
301000006	10,000	97,000.00	6,014.00	97,500.00	6,045.00	31.00	Remaining Gross of 500.00 x 6.2 = 31.00. Verify maximum OASDI Gross Limit on paper Surepay.
301000007	10,000	97,500.00	6,045.00	97,500.00	6,045.00	No OASDI Taken	YTD OASDI Gross of 97,500.00 already reached
301000008	10,000	97,499.00	6,044.94	97,500.00	6,045.00	0.06	Remaining Gross of 1.00 x 6.2 = 0.06
301000009	10,000	97,000.00	6,014.00	97,500.00	6,045.00	31.00	Remaining Gross of 500.00 x 6.2 =

Maximum OASDI Gross Limit Size Increase
Test Plan Document
March 6, 2007

							31.00
301000010	10,000	87,500.00	5425.00	97,500.00	6,045.00	620.00	Remaining Gross of 10,000.00 x 6.2 = 620.00

W-2 Process (RUN600)

Description

This job produces the W-2 Extract File, W-2 Reports, and the W-2 Magnetic Tape for tax year 2006.

Verification

W-2 output Files

At UCOP the set of output files produced from the unmodified programs and the set of output files produced from the modified programs were saved. Thus, the two sets of output files are compared using COMPAREX to verify that no differences are found between the two sets of output files. If desired, campuses can also compare the output files using COMPAREX or use their local tool.

The data in the following output files were compared using COMAPREX:

W-2 Extract File:

PAYJXQ.RLSE.W2FILEP: Produced from unmodified modules

PAYJXQ.TEST.W2FILET: Produced from modified modules

SYSUT1=**PAYJXQ.TEST.W2FILEP**

DCB=(DSORG=PS,RECFM=FB,LRECL=1054

VOL=SER=PR1032

SYSUT2=**PAYJXQ.RLSE.W2FILET**

DCB=(DSORG=PS,RECFM=FB,LRECL=1054

VOL=SER=PR1026

DATA,FORMAT=02

(FORMAT EXPLANATION: FULL SYSUT1 FOLLOWED BY DIFFERING LINES OF SYSUT2)
SERENA COMPAREX (MVS - 8.4.3 - 2003/105) COMPARE FRIDAY MARCH
2, 2007

YJXQ.TEST.W2FILEP,SYSUT2=PAYJXQ.RLSE.W2FILET

SKIP RECORD PROCESSING: SYSUT1(1)/SYSUT2(1)

END OF DATA ON FILE SYSUT1

END OF DATA ON FILE SYSUT2

RECORDS PROCESSED: SYSUT1(631)/SYSUT2(631),DIFFERENCES(0)

TIME OF DAY AT END OF JOB: 11:07:30 - CONDITION CODE ON EXIT: 0

W-2 Federal (IRS) File:

PAYJXQ.TEST.FEDW2P: Produced from unmodified modules

PAYJXQ.TEST.FEDW2T: Produced from modified modules

SYSUT1=**PAYJXQ.TEST.FEDW2P**

DCB=(DSORG=PS,RECFM=FB,LRECL=512,

VOL=SER=PR1029

SYSUT2=**PAYJXQ.RLSE.FEDW2T**

DCB=(DSORG=PS,RECFM=FB,LRECL=512,

VOL=SER=PR1030

Maximum OASDI Gross Limit Size Increase
Test Plan Document
March 6, 2007

DATA,FORMAT=02
(FORMAT EXPLANATION: FULL SYSUT1 FOLLOWED BY DIFFERING LINES OF SYSUT2)
SERENA COMPAREX (MVS - 8.4.3 - 2003/105) COMPARE FRIDAY MARCH
2, 2007
YJXQ.TEST.FEDW2P,SYSUT2=PAYJXQ.RLSE.FEDW2T
SKIP RECORD PROCESSING: SYSUT1(1)/SYSUT2(1)
END OF DATA ON FILE SYSUT1
END OF DATA ON FILE SYSUT2
RECORDS PROCESSED: SYSUT1(620)/SYSUT2(620),DIFFERENCES(0)
TIME OF DAY AT END OF JOB: 11:46:32 - CONDITION CODE ON EXIT: 0

On Line W-2 File:

PAYJXQ.TEST.OW2P: Produced from unmodified modules
PAYJXQ.RLSE.OW2T: Produced from modified modules

SYSUT1=**PAYJXQ.TEST.OW2P**
DCB=(DSORG=PS,RECFM=FB,LRECL=2672
VOL=SER=PR1032
SYSUT2=**PAYJXQ.RLSE.OW2T**
DCB=(DSORG=PS,RECFM=FB,LRECL=2672
VOL=SER=PR1028

DATA,FORMAT=02
(FORMAT EXPLANATION: FULL SYSUT1 FOLLOWED BY DIFFERING LINES OF SYSUT2)
SERENA COMPAREX (MVS - 8.4.3 - 2003/105) COMPARE FRIDAY MARCH
2, 2007
YJXQ.TEST.OW2P,SYSUT2=PAYJXQ.RLSE.OW2T
SKIP RECORD PROCESSING: SYSUT1(1)/SYSUT2(1)
END OF DATA ON FILE SYSUT1
END OF DATA ON FILE SYSUT2
RECORDS PROCESSED: SYSUT1(616)/SYSUT2(616),DIFFERENCES(0)
TIME OF DAY AT END OF JOB: 11:52:30 - CONDITION CODE ON EXIT: 0

W-2 Forms:

PAYJXQ.TEST.W2006P: Produced from unmodified modules
PAYJXQ.RLSE.W2006T: Produced from modified modules

SYSUT1=**PAYJXQ.TEST.W22006P**
DCB=(DSORG=PS,RECFM=FBA,LRECL=133
VOL=SER=PR1030
SYSUT2=**PAYJXQ.RLSE.W22006T**
DCB=(DSORG=PS,RECFM=FBA,LRECL=133
VOL=SER=PR1032

DATA,FORMAT=02
(FORMAT EXPLANATION: FULL SYSUT1 FOLLOWED BY DIFFERING LINES OF SYSUT2)
SERENA COMPAREX (MVS - 8.4.3 - 2003/105) COMPARE FRIDAY MARCH
2, 2007
YJXQ.TEST.W22006P,SYSUT2=PAYJXQ.RLSE.W22006T
SKIP RECORD PROCESSING: SYSUT1(1)/SYSUT2(1)
END OF DATA ON FILE SYSUT1
END OF DATA ON FILE SYSUT2
RECORDS PROCESSED: SYSUT1(44246)/SYSUT2(44246),DIFFERENCES(0)
TIME OF DAY AT END OF JOB: 11:54:10 - CONDITION CODE ON EXIT: 0

Rush Checks

Description

Rush Checks can be tested via the on line CICS functions OPT1 and OPT2.

Verification

At UCOP, the following test cases listed in the table below were used to test the Rush Checks changes. Campuses can replicate the test cases described below, if desired.

Employee ID	Current EDB Status			EDB Status After January MO Compute			Comments
	Pay Rate	YTD FICA Gross (EDB5503)	OASDI Taxes (GTN 013-Y)	YTD FICA Gross (EDB5503)	OASDI Taxes (GTN 013-Y)	Current OASDI Taxes Taken	
301000001	10,000	97,500.00	6,045.00	97,500.00	6,045.00	No OASDI Taken	YTD OASDI Gross of 97,500.00 already reached
301000002	10,000	97,499.00	6,044.94	97,500.00	6,045.00	0.06	Remaining Gross of 1.00 x 6.2 = 0.06
301000003	10,000	97,000.00	6,014.00	97,500.00	6,045.00	31.00	Remaining Gross of 500.00 x 6.2 = 31.00