

Release 1763

**Service Request 81797
UCRP Employer Contribution Rates**

Test Plan

April 12, 2007

Payroll/Personnel Services, ATS, IR&C
Office of the President
University of California

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Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of this release.

It includes the following batch processes:

- C0207MO: MO compute for February 2007
- RUN460: to create the monthly PAR file from the MO PAR file
- RUN730: Standard month end UCRP earnings and contribution interface for February 2007
- RUNEXP: Expense Distribution for February 2007

The release also affects the following online function:

- EDTL

The test plan uses the following values for the employee contribution in the BRT retirement table (PPPBR); they are the same values used for R1715:

- Default rates are the current rates (no Basic, 100% DCP, \$19 reduction)
- HX/C rates are 100% Basic, no DCP, \$19 reduction
- K3/C rates are current rates (no Basic, 100% DCP) with a \$20 reduction
- LX/C rates are blended for employees coordinated with FICA (UE)

	default		HX/C		K3/C		LX/C	
	basic	DCP	basic	DCP	basic	DCP	basic	DCP
UN	3.00	3.00	3.00	0.00	3.00	3.00	3.00	3.00
UE over	4.00	4.00	5.00	0.00	4.00	4.00	5.00	4.00
UE under	2.00	2.00	3.33	0.00	2.00	2.00	3.33	2.00
Safety	3.00	3.00	3.00	0.00	3.00	3.00	3.00	3.00
reduction	19.00		19.00		20.00		19.00	

In addition, the test plan uses the following values for the employer contribution:

	default	HXC	K3C	LXC
UCRP CON NOF	1.00	0.00	1.00	11.00
UCRP CON W/F	2.00	0.00	2.00	13.00
UCRP CON SAF	3.00	0.00	3.00	15.00
TIER2 CN NOF	4.00	0.00	4.00	11.50
TIER2 CN W/F	5.00	0.00	5.00	13.50
TIER2 CN SAF	6.00	0.00	6.00	15.50

Batch Test Plan

This plan addresses the compute, UCRP interface, and expense distribution.

LOADCTL: Control Table (CTL) Initial Load

Description

This job loads the DB2 CTL database.

Verification

Verify that the job has completed normally. Verify that all tables have been successfully loaded into the data base. The members in PDS UDB2CTL already reflect the Control Table update transactions provided with the release (CARDLIB members PRMPROD, BRTPROD, and BRTTEST).

LOADEDDB: Employee Data Base (EDB) Load

Description

This job loads the EDB database.

Verification

Verify that the job has completed normally. Verify that all tables have been successfully loaded into the data base.

C0702MO: MO compute for February 2007

Description

This job runs the MO compute for February 2007 with AP, TL, and E1/E2/E3 transactions, and also produces the STIP file for UCRP plans.

Verification

Verify that the test results match those provided. Appendix A includes the expected values for the matching retirement contribution (646 amt) for the expense transfers generated from the TL transactions; this amount is in columns 21 – 25 of the E2 transaction. Verify that the TFILE produced by PPI730 matches the one provided.

RUN460: Create Monthly PAR File From MO PAR

Description

This job runs PPP460 to create a monthly PAR file from the MO PAR file.

Verification

Verify that the job completed normally.

RUN730S: Standard Month End UCRP Interface for February 2007

Description

This job runs PPI730 in the S (Standard) mode to produce the earnings and contributions interface for UCRP from the monthly PAR file from RUN460.

Verification

Verify that the test results match those provided.

Appendix C includes the expected values for Plan 05 (employee basic retirement deduction) and Plan 95 (employee DCP), which should match the values from the compute for GTN 005 and GTN 733 respectively. It also includes the Plan 21 amounts; note that these amounts should match the values for object 8600 for these employees from expense distribution in the following step. As always, Plan amounts of zero are not recorded in the interface file, and expense transfers are excluded.

RUNEXP: Expense Distribution for February 2007

Description

This job runs expense distribution for February 2007, using the monthly PAR file created from RUN460.

Verification

Verify that the test results match those provided.

Appendix A includes the expected values for the expense transfers generated from TL transactions for object codes 8600 (retirement codes U and 1), a second 8600 (retirement code B), 8650 (Summer Salary DCP), and 8660 (SMS DCP). Object code 8660 is used to adjust the total of object codes 8600, 8650, and 8660 to match the entered composite amount.

Appendix B includes the same expected values for selected UPAY646 expense transfers.

Appendix C includes the same expected values for selected regular pay expense. The second line for some employees is the expense for the AP transactions paid on safety title 5323.

Online Test Plan

This plan addresses the verification of the online EDTL function.

Accrued Leave Expense Transfers (EDTL)

Departmental Time Reporting function EDTL may be tested by using the same EDB and CTL provided with this release and replicating the test cases used for batch verification in Appendix A.

Appendix A: TL Transaction Results

FAU proj	ID	ret	FICA	safety title	EBExx	Pay Edit	Expense Distribution				
						E2 txn amt	object 8600	object 8600	object 8650	object 8660	cont rate
TL01	444000031	U	N		HXC	0.00	0.00			0.00	0.00%
TL02	444000032	U	N		LXC	55.00	55.00			0.00	11.00%
TL03	444000033	U	N		99C	5.00	5.00			0.00	1.00%
TL04	444000034	U	E		HXC	0.00	0.00			0.00	0.00%
TL05	444000035	U	E		LXC	65.00	65.00			0.00	13.00%
TL06	444000036	U	E		99C	10.00	10.00			0.00	2.00%
TL07	444000037	U	M	5323	HXC	0.00	0.00			0.00	0.00%
TL08	444000038	U	M	5323	LXC	75.00	75.00			0.00	15.00%
TL09	444000039	U	M	5323	99C	15.00	15.00			0.00	3.00%
TL13	444000043	1	E		HXC	0.00				0.00	0.00%
TL14	444000044	1	E		HXC	65.00	65.00			0.00	13.00%
TL15	444000045	1	E		HXC	10.00	10.00			0.00	2.00%
TL21	444000051	B	N		HXC	0.00		0.00		0.00	0.00%
TL22	444000052	B	N		LXC	57.50		57.50		0.00	11.50%
TL23	444000053	B	N		99C	20.00		20.00		0.00	4.00%
TL24	444000054	B	E		HXC	0.00		0.00		0.00	0.00%
TL25	444000055	B	E		LXC	67.50		67.50		0.00	13.50%
TL26	444000056	B	E		99C	25.00		25.00		0.00	5.00%
TL27	444000057	B	M	5323	HXC	0.00		0.00		0.00	0.00%
TL28	444000058	B	M	5323	LXC	77.50		77.50		0.00	15.50%
TL29	444000059	B	M	5323	99C	30.00		30.00		0.00	6.00%

Note that all TL transactions were set up with 50.00 hours of leave and a pay rate of 10.00, for a cost of 500.00.

Appendix B: Expense Transfer Transaction Results

FAU proj	ID	ret	FICA	safety title	DOS	EBExx	E2 txn amt	Expense Distribution				
								object 8600	object 8600	object 8650	object 8660	cont rate
T01	444000031	U	N			HXC	1.00	0.00			1.00	0.00%
T02	444000032	U	N			LXC	1.00	85.01			-84.01	11.00%
T03	444000033	U	N			99C	1.00	7.73			-6.73	1.00%
T04	444000034	U	E			HXC	1.00	0.00			1.00	0.00%
T05	444000035	U	E			LXC	1.00	100.46			-99.46	13.00%
T06	444000036	U	E			99C	1.00	15.46			-14.46	2.00%
T07	444000037	U	M	5323		HXC	1.00	0.00			1.00	0.00%
T08	444000038	U	M	5323		LXC	1.00	115.92			-114.92	15.00%
T09	444000039	U	M	5323		99C	1.00	7.73			-6.73	1.00%
T10	444000040	U	E	5323		HXC	1.00	0.00			1.00	0.00%
T11	444000041	U	E	5323		LXC	1.00	100.46			-99.46	13.00%
T12	444000042	U	E	5323		99C	1.00	15.46			-14.46	2.00%
T21	444000051	B	N			HXC	1.00		0.00		1.00	0.00%
T22	444000052	B	N			LXC	1.00		88.87		-87.87	11.50%
T23	444000053	B	N			99C	1.00		30.91		-29.91	4.00%
T24	444000054	B	E			HXC	1.00		0.00		1.00	0.00%
T25	444000055	B	E			LXC	1.00		104.33		-103.33	13.50%
T26	444000056	B	E			99C	1.00		38.64		-37.64	5.00%
T27	444000057	B	M	5323		HXC	1.00		0.00		1.00	0.00%
T28	444000058	B	M	5323		LXC	1.00		119.78		-118.78	15.50%
T29	444000059	B	M	5323		99C	1.00		30.91		-29.91	4.00%
T30	444000060	B	E	5323		HXC	1.00		0.00		1.00	0.00%
T31	444000061	B	E	5323		LXC	1.00		104.33		-103.33	13.50%
T32	444000062	B	E	5323		99C	1.00		38.64		-37.64	5.00%
T41	444000031	U	N		OLT	HXC	1.00			27.05	-26.05	0.00%

Note that the results for test transactions for Proj T42 through T72 have not been included in this table; they all use DOS code OLT (subject to Faculty Summer Salary DCP, not subject to UCRP/PERS), and the results are identical to those for Proj T41 (object 8650 amount is 27.05). In addition, the test results for Proj X01 through X72 have not been included in this table; they are identical to the corresponding Tnn Proj – the only difference is an amount of 200.00 instead of 1.00 for the E2 retirement/SS DCP/SMS DCP amount.

Appendix C: Regular Pay Results

					Compute					Expense Distribution				UCRP interface		
ID	R e t	F I C	Sfty	EBE	total gross	GTN 005	GTN 733	GTN 111	emp ded rate	expnse gross	object 8600	object 8600	cont rate	Plan 05	Plan 95	Plan 21
444000031	U	N		HXC	3,175.00	76.25		19.00	3.00%	3,175.00	0.00		0.00%	76.25		0.00
444000032	U	N		LXC	3,275.00	0.00	79.25	19.00	3.00%	3,275.00	360.25		11.00%		79.25	360.25
444000033	U	N		99C	330.00		0.00	9.90	3.00%	330.00	3.30		1.00%			3.30
444000034	U	E		HXC	3,375.00	93.39		19.00	3.33%	3,375.00	0.00		0.00%	93.39		0.00
444000035	U	E		LXC	3,450.00	26.89	69.00	19.00	3.33%	3,450.00	448.50		13.00%	26.89	69.00	448.50
444000036	U	E		99C	3,575.00		52.50	19.00	2.00%	3,575.00	71.50		2.00%		52.50	71.50
444000037	U	M		HXC	4,575.00	118.25		19.00	3.00%	3,575.00	0.00		0.00%	118.25		0.00
444000037			Y							1,000.00	0.00		0.00%			
444000038	U	M		LXC	4,650.00	0.00	120.50	19.00	3.00%	3,650.00	401.50		11.00%		120.50	551.50
444000038			Y							1,000.00	150.00		15.00%			
444000039	U	M		99C	4,675.00		121.25	19.00	3.00%	3,675.00	36.75		1.00%		121.25	66.75
444000039			Y							1,000.00	30.00		3.00%			
444000040	U	E		HXC	4,750.00	139.18		19.00	3.33%	3,750.00	0.00		0.00%	139.18		0.00
444000040			Y							1,000.00	0.00		0.00%			
444000041	U	E		LXC	3,400.00	26.22	68.00	19.00	3.33%	2,400.00	312.00		13.00%	26.22	68.00	442.00
444000041			Y							1,000.00	130.00		13.00%			
444000042	U	E		99C	4,740.00		75.80	19.00	2.00%	3,740.00	74.80		2.00%		75.80	94.80
444000042			Y							1,000.00	20.00		2.00%			
444000043	1	E		HXC	4,000.00	0.00		0.00	0.00%	4,000.00	0.00		0.00%	0.00		0.00
444000044	1	E		LXC	1,800.00	0.00		0.00	0.00%	1,800.00	234.00		13.00%	0.00	0.00	234.00
444000045	1	E		99C	3,000.00	0.00		0.00	0.00%	3,000.00	60.00		2.00%		0.00	60.00
444000051	B	N		HXC	1,500.00	0.00			0.00%	1,500.00		0.00	0.00%			0.00
444000052	B	N		LXC	3,000.00	0.00	0.00		0.00%	3,000.00		345.00	11.50%			345.00
444000053	B	N		99C	4,000.00		0.00		0.00%	4,000.00		160.00	4.00%			160.00
444000054	B	E		HXC	3,000.00	0.00			0.00%	3,000.00		0.00	0.00%			0.00
444000055	B	E		LXC	4,000.00	0.00	0.00		0.00%	4,000.00		540.00	13.50%			540.00
444000056	B	E		99C	4,000.00		0.00		0.00%	4,000.00		200.00	5.00%			200.00
444000057	B	M		HXC	5,000.00	0.00			0.00%	4,000.00		0.00	0.00%			0.00
444000057			Y							1000.00		0.00	0.00%			
444000058	B	M		LXC	5,000.00	0.00	0.00		0.00%	4,000.00		460.00	11.50%			615.00

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					Compute					Expense Distribution				UCRP interface		
ID	R e t	F I C	Sfty	EBE	total gross	GTN 005	GTN 733	GTN 111	emp ded rate	expnse gross	object 8600	object 8600	cont rate	Plan 05	Plan 95	Plan 21
444000058			Y							1,000.00		155.00	15.50%			
444000059	B	M		99C	5,000.00		0.00		0.00%	4,000.00		160.00	4.00%			220.00
444000059			Y							1,000.00		60.00	6.00%			
444000060	B	E		HXC	5,000.00	0.00			0.00%	4,000.00		0.00	0.00%			0.00
444000060			Y							1,000.00		0.00	0.00%			
444000061	B	E		LXC	6,000.00	0.00	0.00		0.00%	5,000.00		675.00	13.50%			810.00
444000061			Y							1,000.00		135.00	13.50%			
444000062	B	E		99C	5,000.00		0.00		0.00%	4,000.00		200.00	5.00%			250.00
444000062			Y							1,000.00		50.00	5.00%			