

**Release 1757**

**Service Request 81745  
UCRS and EBEUC/EBERC**

**Test Plan**

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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:

- C0702MO: February 2007 MO compute
- RUN740: UCRS File Maintenance Interface

The release also affects the following online functions:

- Rush Checks (OPT1, OPT2)
- Overpayments (OVPY)

The test plan uses the following values for 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
<b>UN</b>	3.00	3.00	3.00	0.00	3.00	3.00	3.00	3.00
<b>UE over</b>	4.00	4.00	5.00	0.00	4.00	4.00	5.00	4.00
<b>UE under</b>	2.00	2.00	3.33	0.00	2.00	2.00	3.33	2.00
<b>Safety</b>	3.00	3.00	3.00	0.00	3.00	3.00	3.00	3.00
<b>reduction</b>	19.00		19.00		20.00		19.00	

## **Batch Test Plan**

This plan addresses the Compute and the monthly UCRS File Maintenance interface.

### **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.

### **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: February 2007 MO Compute**

### **Description**

This job runs the MO compute for February 2007.

### **Verification**

Verify that the job has completed normally. Verify that the UCRS Basic and DCP deductions (and the reduction) use the EBEUC and EBERC values for the rate look-up. See Appendix A for details of selected test cases. The first half of the table includes the test cases where the EBEUC and the EBERC match the EUC and the ERC respectively, and the second half of the table includes the test cases where they do not match. A 'yes' in the 'difference?' column highlights those cases where the use of EBEUC/EBERC vs. EUC/ERC produced a different result because the rate and/or reduction were different.

## **RUN740: UCRS File Maintenance Interface**

### **Description**

This job runs the UCRS File Maintenance (FM) interface process. The UCRS FM history file has EBEUC/EBERC values.

### **Verification**

Verify that the job has completed normally. The following table identifies the expected results for the EBEUC and EBERC values. In all cases, only the EBEUC and/or EBERC that changed is in the FM file.

<b>ID</b>	<b>old EBEUC/EBERC</b>	<b>new EBEUC/EBERC</b>	<b>comments</b>
000050019	LX C	HX C	
000050023	99 C	HX C	
000050064	HX C	LX C	
000050090	n/a	99 C	new to UCRS
111111115	CX C	K3 C	
111111116	CX C	K3 C	
111155555	CX C	K3 C	
333333019	NX C	HX C	
444000030	99 C	FF C	
444000049	99 C	K3 C	
444000098	CX C	K3 C	
444000100	LX C	CX C	
444000107	99 C	LX C	
444000108	99 C	LX C	
444000111	99 C	LX C	
501000001	blank blank	FX C	
501000002	blank U	99 U	
501000003	99 blank	99 U	
501000004	blank blank	99 U	
501000006	FX blank	FX C	
501000007	blank C	IX C	
501000008	99 U	FX C	

## **Online Test Plan**

This plan addresses the verification of the Rush Check and Overpayments online functions.

### **Rush Checks (OPT1, OPT2)**

Rush check functions OPT1 and OPT2 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, particularly those where the use of EBEUC/EBERC produces a different result than if the EUC/ERC were used.

### **Overpayments (OVPY)**

The OVPY transaction, as noted in R1736, is somewhat more difficult to verify as released. PPOROVPY uses a hard-coded table of retirement rates for retirement rates prior to a given date; the rates and date are in CPWSORIC. That date is currently 06/30/2007; the BRT will not be used until the pay cycle end date is greater than that. At UCOP, we used an earlier date for testing with the PAR from the test compute, and verified that the BRT rate look-ups were based on the EBEUC/EBERC. Again, this method is not recommended for campuses since great care must be taken so that the proper version is implemented in production. Campuses may instead prefer to do a before and after test of overpayments for employees with a retirement plan code of U to verify that the results are the same.

## Appendix A: Compute Test Cases

Empl ID	EBEUC/EBERC	EUC/ERC	Ret/FICA	Comments	gross	Basic	DCP	reduction	difference?
000050016	99 C	99 C	U N	default	5,698.00	0.00	151.94	19.00	
444000030	FF C	FF C	U M	default, Safety title	6,000.00	0.00	161.00	19.00	
000050003	GS C	GS C	U E	default, under max	2,000.00	0.00	21.00	19.00	
111111114	CX C	CX C	U E	default, attains max (over max)	1,000.00 1,000.00	0.00	41.00	19.00	
000050068	HX C	HX C	U N	HX C	2,000.00	41.00	0.00	19.00	
444000080	HX C	HX C	U E	HX C, under max	4,000.00	114.20	0.00	19.00	
000050045	HX C	HX C	U E	HX C, attains max (over max)	2,587.00 1,000.00	117.15	0.00	19.00	
444000098	K3 C	K3 C	U N	K3 C	4,000.00	0.00	100.00	20.00	
444000049	K3 C	K3 C	U E	K3 C, under max	4,450.00	0.00	69.00	20.00	
000050033	K3 C	K3 C	U E	K3 C, attains max (over max)	3,267.00 1,000.00	0.00	85.34	20.00	
444000111	LX C	LX C	U N	LX C	3,675.00	91.25	0.00	19.00	
444000107	LX C	LX C	U E	LX C, under max	4,250.00	37.53	85.00	19.00	
444000108	LX C	LX C	U E	LX C, attains max (over max)	2,650.00 1,000.00	26.25	93.00	19.00	
Empl ID	EBEUC/EBERC	EUC/ERC	Ret/FICA	Comments	gross	Basic	DCP	reduction	difference?
000050035	GS C	LX C	U N	default	5,002.00	0.00	131.06	19.00	
333333051	PA C	K3 C	U N	default, Safety title	2,000.00	0.00	41.00	19.00	yes
000050090	99 C	LX C	U E	default, under max	4,282.00	0.00	66.64	19.00	yes
444000100	CX C	LX C	U E	default, attains max (over max)	2,250.00 1,000.00	0.00	66.00	19.00	yes
000050027	HX C	99 C	U N	HX C	1,000.00	11.00	0.00	19.00	yes
000050023	HX C	99 C	U E	HX C, under max	4,134.00	118.66	0.00	19.00	yes
000050019	HX C	LX C	U E	HX C, attains max (over max)	2,258.00 1,000.00	106.19	0.00	19.00	yes
111155555	K3 C	CX C	U N	K3 C	5,000.00	0.00	130.00	20.00	yes
111111115	K3 C	CX C	U E	K3 C, under max	5,000.00	0.00	80.00	20.00	yes
111111116	K3 C	CX C	U E	K3 C, attains max (over max)	6,000.00 1,000.00	0.00	140.00	20.00	yes
333333106	LX C	99 C	U N	LX C	3,672.00	0.00	91.16	19.00	
333333019	LX C	NX C	U E	LX C, under max	2,000.00	7.60	40.00	19.00	yes
000050064	LX C	HX C	U E	LX C, attains max (over max)	2,135.00 1,000.00	19.40	82.70	19.00	yes