

**Test Plan**  
**RELEASE 1657**  
**Web Merit Roster Dept Selection List Changes**

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## **Testing Overview**

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1657. The test is made up of the following components:

1. Control Table Data Base (CTL) Initial Load (LOADCTL)
2. Merit Table Data Base (MRT) Initial Load (LOADMRT)
3. Load ARSM tables UC0ASC & UC0GRP (LOADPCDX)
4. Web Merit Testing

### **CONTROL TABLE (CTL) INITIAL LOAD (LOADCTL)**

#### **Description**

This job loads the DB2 CTL database.

If there are any Control Table Transaction updates for this release, the Control Table Transaction updates are already reflected in the particular PDS members used for the loading of 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 database.

## **MERIT DATA BASE (MRT) INITIAL LOAD (LOADMRT)**

### **Description**

This job loads the MRT database.

### **Verification**

In order to assure successful completion of this job, verify that the MRT has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.

## **LOAD ARSM TABLES UC0ASC & UC0GRP (LOADPCDX)**

### **Description**

This job loads the UC0ASC and UC0GRP tables. Please note that all base User IDs should be **substituted** with your own User IDs before loading into the UC0ASC and UC0GRP tables. Also use **LOAD RESUME** option which will not replace your current ARSM entries.

### **Verification**

In order to assure successful completion of this job, verify that the ARSM tables have been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.

## Web Merit Testing

### Description

This test plan confirms that Stored Procedures and Web Merit changes have been installed properly. The table loads for the PPS Merit tables contains few Cycle IDs definition and the extract for these Cycle IDs are explained below. The ARSM rules for the User ID setup is established for the base Users using the following guidelines.

1. We have defined few Cycle ID(s) in the Web Merit system. Then we ran the preliminary extract process PPP675 and verified that each Cycle ID extracts few (at least 10) entries in the PPPMLA table so that we have few MLA records to test our different test conditions. Also fine tuned the selection criteria in the Cycle ID definition so that we got more MLA records. We ran the final extract process for this Cycle ID so that the Cycle is in 'C' status (Roster Selection is allowed in this status).

Please look at the test plan for the release 1513 which has a detailed explanation of how to define a Cycle ID for an ATB Merit and run the extract process (Preliminary and Final). This test plan also explains about how to look at the Roster Department Selection List for the ATB Cycle.

2. Defined ARSM rules (MERITDPT, MERITCTL, and MERITADM) in the UC0ASC and UC0GRP for the base User ID(s) used for the testing. We verified that these User IDs have access to some of the departments in the PPPMLA rows in each type of access. Our test cases below uses the userid PAYBCC and so use the User ID which is substituted for PAYBCC for the testing (Let us call this id **CAMPUSID**).

3. Defined the Control Point department hierarchy in the Merit Control Point table PPPMCP for each MERITADM or MERITCTL department associated with the User ID. The number of levels in the department hierarchy can not exceed more than the max level defined in the Control Levels parameter +106 in the PPPPRM table (It is +5 in our case).

The Web Merit testing is to verify that the Roster Selection Screen process displays all the CAMPUSID associated departments and their dependents. Also it checks whether the links associated with each department are enabled or disabled properly.

### Test the First Roster Department Selection Screen:

Log on to the Web Merit System with the test CAMPUSID and click on the link ‘**Audit Past Cycles**’ in the ‘**Main Menu**’ screen. Here all the Cycle IDs with the status code ‘C’ are listed in the ‘**MERIT ROSTER SELECTION**’ screen as below.

MERIT ROSTER SELECTION							User: PAYBCC
Audit : Roster Cycle List							
Select	CycleID	CBUC	Description	Status	BW Effect Date	MO Effect Date	
<input type="radio"/>	<a href="#">MRV-ATB-99-RES1</a>	99	TEST FOR ATB RANGE RATE RESTR	C	06/08/2004	06/01/2004	
<input type="radio"/>	<a href="#">MRV-ATB-CX-RES1</a>	CX	TEST FOR ATB STEP RATE RESTR	C		06/01/2004	
<input type="radio"/>	<a href="#">CFG-MERIT-99</a>	99	MERIT 99	C	05/08/2005	05/01/2005	
<input type="radio"/>	<a href="#">CFG-MERIT-RX</a>	CX	MERIT CX	C	05/08/2005	05/01/2005	

- ◆ Select one merit cycle to process or review
- ◆ Clicking on the Cycle ID will link to Eligibility Criteria

### Cycle ID: MRV-ATB-CX-RES1

Now select the Cycle ID ‘**MRV-ATB-CX-RES1**’ from the ‘**Audit : Roster Cycle List**’ and click submit button. The ‘**Roster Department Selection List**’ for this Cycle ID is displayed as below.

MERIT ROSTER SELECTION				User: PAYBCC
Roster Department Selection List				
Cycle ID : MRV-ATB-CX-RES1				
Cycle Type : ATB - Step				
Department No.	Department Name	Rule	Select	
222222	TOP MERIT CONTROL POINT	MERITADM	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>	
444444	2ND MERIT CONTROL POINT	MERITCTL	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>	
822501	REPRO GRAPHICS	MERITDPT	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>	
826301	SECURITY	MERITDPT	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>	
827701	HOSPITAL EDUCATION	MERITDPT	<a href="#">This Dept</a>   <a href="#">Get All</a>   <a href="#">Down</a>	

This is the first screen displayed for the Cycle ID ‘**MRV-ATB-CX-RES1**’ with all the departments to which the CAMPUSID has access (defined in UC0ASC and UC0GRP) based on the ARSM rule. This screen has three links ‘**This Dept**’, ‘**Get All**’, and ‘**Down**’ for every department number listed.

**Verification**

1. Verify that links ‘**Get All**’ and ‘**Down**’ are disabled for all the MERITDPT departments listed below:

- 822501 REPRO GRAPHICS
- 826301 SECURITY
- 827701 HOSPITAL EDUCATION

This is because MERITDPT access is only for the department listed and no dependents are allowed to be checked.

Also verify that ‘**This Dept**’ link is enabled only when there are any PPPMLA rows available for this department and Cycle ID combination. In our test case the ‘**This Dept**’ is enabled for department 827701 and is disabled for the two departments 822501 and 826301. Submit the JCL RUNQRY1 which lists all the employees in the MLA rows for the MERITDPT departments. Verify from this list that there are 98 MLA rows for the department 827701 and no MLA rows for 822501 and 826301.

2. For the MERITADM or MERITCTL ARSM rule departments:

a. Verify that the ‘**Down**’ link is enabled for the MERITADM or MERITCTL departments who have dependents found in the PPPMCP control point table. Submit the JCL RUNQRY2 which lists all the next level dependent department for the MERITADM department 222222 and the MERITCTL department 444444. The result will be shown below:

```

+-----+
| MCP_CONTROL_DEPT | MCP_DEPT_NO |
+-----+
1_| 222222          | 444444      |
2_| 444444          | 666666      |
+-----+
    
```

Since there are dependent departments found for 222222 and 444444, the ‘**Down**’ link for these 2 departments is enabled.

b. Verify that the ‘**Get All**’ link is enabled only when at least one of the ‘**Down**’ link dependents has PPPMLA rows found for the Cycle ID and that dependent department combination.

Keep going down to get the list of all the next level dependent departments by clicking the link ‘**Down**’ for department 222222 and the dependent departments. Submit the JCL RUNQRY3 which lists all the employees in the MLA rows for the dependent departments of 222222. Verify from this list that there are 495 MLA rows for the dependent departments of 222222. There are no MLA rows for department 444444 and 444444 is the next level dependent department for 222222. So in the first screen verify that ‘**Get All**’ link for departments 222222 and 444444 are enabled.

**Cycle ID: MRV-ATB-99-RES1**

Now select the Cycle ID ‘**MRV-ATB-99-RES1**’ from the ‘**Audit : Roster Cycle List**’ and click submit button. The ‘**Roster Department Selection List**’ for this Cycle ID is displayed as below.

MERIT ROSTER SELECTION			User: PAYBCC
<b>Roster Department Selection List</b> Cycle ID : MRV-ATB-99-RES1 Cycle Type : ATB - Open Range			
Department No.	Department Name	Rule	Select
222222	TOP MERIT CONTROL POINT	MERITADM	This Dept   Get All   <a href="#">Down</a>
444444	2ND MERIT CONTROL POINT	MERITCTL	This Dept   Get All   <a href="#">Down</a>
822501	REPRO GRAPHICS	MERITDPT	This Dept   Get All   Down
826301	SECURITY	MERITDPT	This Dept   Get All   Down
827701	HOSPITAL EDUCATION	MERITDPT	This Dept   Get All   Down

This is the first screen displayed for the Cycle ID ‘**MRV-ATB-99-RES1**’ with all the departments to which the CAMPUSID has access (defined in UC0ASC and UC0GRP) based on the ARSM rule. This screen has three links ‘**This Dept**’, ‘**Get All**’, and ‘**Down**’ for every department number listed.

**Verification**

1. Verify that links ‘**Get All**’ and ‘**Down**’ are disabled for all the MERITDPT departments listed below:

- 822501 REPRO GRAPHICS
- 826301 SECURITY
- 827701 HOSPITAL EDUCATION

This is because MERITDPT access is only for the department listed and no dependents are allowed to be checked.

Also verify that ‘**This Dept**’ link is enabled only when there are any PPPMLA rows available for this department and Cycle ID combination. In our test case the ‘**This Dept**’ is disabled for the departments 827701, 822501, and 826301. Submit the JCL RUNQRY4 which lists all the employees in the MLA rows for the MERITDPT departments. Verify from this list that there are no MLA rows for the departments 827701, 822501, and 826301.

2. For the MERITADM or MERITCTL ARSM rule departments:

a. Verify that the **'Down'** link is enabled for the MERITADM or MERITCTL departments who have dependents found in the PPPMCP control point table. Submit the JCL RUNQRY2 which lists all the next level dependent department for the MERITADM department 222222 and the MERITCTL department 444444. The result will be shown below:

```
+-----+
| MCP_CONTROL_DEPT | MCP_DEPT_NO |
+-----+
1_| 222222          | 444444      |
2_| 444444          | 666666      |
+-----+
```

Since there are dependent departments found for 222222 and 444444, the **'Down'** link for these 2 departments is enabled.

b. **'This Dept'** link is disabled for the departments 444444 and 222222. Submit the JCL RUNQRY6 which lists all the employees in the MLA rows for the departments 444444 and 222222. Verify from this list that there are no MLA rows for the above departments.

c. Verify that the **'Get All'** link is enabled only when at least one of the **'Down'** link dependents has PPPMLA rows found for the Cycle ID and that dependent department combination.

Keep going down to get the list of all the next level dependent departments by clicking the link **'Down'** for department 222222 and the dependent departments. Submit the JCL RUNQRY5 which lists all the employees in the MLA rows for the dependent departments of 222222. Verify from this list that there are no MLA rows for the dependent departments of 222222. There is no MLA rows for department 444444 and 444444 is the next level dependent department for 222222. So in the first screen verify that **'Get All'** link for departments 222222 and 444444 are disabled.

## Test the Down Roster Department Selection Screen:

### Cycle ID: CFG-MERIT-99

Now select the Cycle ID 'CFG-MERIT-99' from the 'Audit : Roster Cycle List' and click submit button. The 'Roster Department Selection List' for this Cycle ID is displayed as below.

MERIT ROSTER SELECTION			User: PAYBCC
<b>Roster Department Selection List</b> Cycle ID : CFG-MERIT-99 Cycle Type : Merit - Open Range			
Department No.	Department Name	Rule	Select
222222	TOP MERIT CONTROL POINT	MERITADM	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>
444444	2ND MERIT CONTROL POINT	MERITCTL	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>
822501	REPRO GRAPHICS	MERITDPT	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>
826301	SECURITY	MERITDPT	<a href="#">This Dept</a>   <a href="#">Get All</a>   <a href="#">Down</a>
827701	HOSPITAL EDUCATION	MERITDPT	<a href="#">This Dept</a>   <a href="#">Get All</a>   <a href="#">Down</a>

This is the first screen displayed for the Cycle ID 'CFG-MERIT-99' with all the departments to which the CAMPUSID has access (defined in UC0ASC and UC0GRP) based on the ARSM rule. This screen has three links 'This Dept', 'Get All', and 'Down' for every department number listed.

Click on the department 444444 in the first Roster Screen with the enabled 'Down' button (MERITCTL or MERITADM ARSM access). This 'Roster Department Selection List' for this Cycle ID displays all the next level departments defined in the PPPMCP table for the selected department as shown below.

MERIT ROSTER SELECTION			User: PAYBCC
<b>Roster Department Selection List</b> Cycle ID : CFG-MERIT-99 Cycle Type : Merit - Open Range			
Department No.	Department Name	Rule	Select
666666	3RD MERIT CONTROL POINT	MERITCTL	This Dept   <a href="#">Get All</a>   <a href="#">Down</a>   <a href="#">Up</a>

All the down screens have four links 'This Dept', 'Get All', 'Down', and 'Up'.

## Verification

Verify in this first screen that:

1. The link 'Up' is always enabled as we can see for the department 666666.
2. Verify that the 'This Dept' link is disabled for department 666666 because there are no PPPMLA rows available for this department and Cycle ID combination. This can be verified by submitting JCL RUNQRY7 which lists all the employees in the MLA rows for the department 666666. Verify from this list that there are no MLA rows for the above department.
3. Verify that the 'Down' link is enabled for the department 666666 who has dependents found in the PPPMCP control point table. This can be verified by submitting the JCL RUNQRY8 which lists all the next level dependent department for the MERITCTL department 666666. The result will be shown below:

```

+-----+
| MCP_CONTROL_DEPT | MCP_DEPT_NO |
+-----+
1_ | 666666          | 804918      |
+-----+
    
```

Since there is a dependent department 804918 found for 666666, the 'Down' link for this department is enabled.

4. Verify that the 'Get All' link is enabled only when at least one of the 'Down' link dependents has PPPMLA rows found for the Cycle ID and that dependent department combination. The 'Get All' link for this department 666666 is enabled because at least one of the dependent departments has 'This Dept' enabled. This can be verified by following the test explained below:

Go down to get the list of all the next level dependent department(s) by clicking the link 'Down' for department 666666. The next level dependent 804918 is shown below; verify in this screen that 'This Dept' link is enabled.

<b>MERIT ROSTER SELECTION</b>			User: PAYBCC
<p><b>Roster Department Selection List</b>                  Cycle ID : CFG-MERIT-99                  Cycle Type : Merit - Open Range</p>			
Department No.	Department Name	Rule	Select
804918	CHANCELLORS OFFICE	MERITCTL	<a href="#">This Dept</a>   <a href="#">Get All</a>   <a href="#">Down</a>   <a href="#">Up</a>

5. Verify that the **Down** link is disabled when no dependents are established. Go down to get the list of all the next level dependent department(s) by clicking the link **Down** for department 804918. The next level dependent departments are shown below:

**Roster Department Selection List**  
**Cycle ID : CFG-MERIT-99**  
**Cycle Type : Merit - Open Range**

Department No.	Department Name	Rule	Select
801910	ANIMAL PHYSIOLOGY	MERITCTL	This Dept   Get All   Down   <a href="#">Up</a>
804902	HUMAN ANATOMY	MERITCTL	This Dept   Get All   <a href="#">Down</a>   <a href="#">Up</a>
822501	REPRO GRAPHICS	MERITCTL	This Dept   Get All   <a href="#">Down</a>   <a href="#">Up</a>
826301	SECURITY	MERITCTL	<a href="#">This Dept</a>   Get All   Down   <a href="#">Up</a>
827701	HOSPITAL EDUCATION	MERITCTL	<a href="#">This Dept</a>   Get All   Down   <a href="#">Up</a>
844918	POMOLOGY	MERITCTL	This Dept   Get All   Down   <a href="#">Up</a>

Verify in this screen that the **Down** link for the departments 801910, 826301, 827701, and 844918 are disabled. Submit the JCL RUNQRY9 which lists all the next level dependent department for the MERITCTL departments 801910, 826301, 827701, and 844918. Verify from this list that there are no MCP rows for the departments listed above and that verifies that the **Down** link for these departments are disabled.