



OFFICE OF THE SENIOR VICE PRESIDENT —  
BUSINESS AND FINANCE

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Re:	Release:	1657
	Service Request:	81195
	Error Reports	None
	Programs:	UCPPPMRT, PPMDPSPR
	Copymembers:	None
	Include Members:	PPPVZMDP
	DDL Members:	PPPVZMDP, SPMDPSPR, SPPPPMRT, TBMDP00C, TBMDP01A
	Bind Members:	None
	CICS Maps:	None
	Forms:	None
	Table Updates:	None
	Web EAR Objects	WebMerit EAR file
	Urgency:	Not Urgent (see Timing of Installation)

### **Service Request 81195**

Service request 81195 addresses the Web Merit Modification for the Roster Department Selection List.

In the Web Merit application, the Roster Department Selection List in both the "Merit Review/Input" and "Audit" sections displays all departments to which a Web Merit user has access. For each department listed, the user may click "This Dept" to see employees listed on the roster for that individual department, or "Get All" to see the complete roster of all selected employees from all departments. The user may also click the "Down" and "Up" links to navigate to other departments in the control point structure to which they have access.

A department is displayed on the Roster Selection List regardless of whether or not the department contains any employee selected in the roster extract. This can make navigation of the list difficult for locations with hundreds of departments.

The Roster Department Selection List should be modified in the following manner:

1. If a department does not contain any employees selected in the roster extract, the "This Dept" link should not be clickable.
2. If a department is a control point containing child departments (also called dependent departments), the "Down" link should be clickable.
3. If a department contains no further child departments in the hierarchy, the "Down" link should not be clickable.

An additional feature that was decided after the SR was written has to do with the 'Get All' link. The 'Get All' link would function as follows:

1. If a control department and its child departments contain at least one selected employee in the Roster Extract, the 'Get All' link should be clickable.
2. If a control department and its child departments do not contain any selected employee in the Roster Extract, the 'Get All' link should not be clickable.

The following changes are needed in the batch Stored Procedures for the Roster Department Selection List logic:

- a. Cycle ID is added as input from Web Merit system to the batch Stored Procedures UCPPMRT and PPMDDPSR in their linkage area.
- b. A new field MDP\_DEPT\_MLA\_INFO with CHAR(1) is added to the PPPMDP table so that the Stored Procedure can convey information to the Web Merit System about whether each department has Merit Logical Appointment table (PPPMLA) rows, any dependent (child) exists for this department, and any one of its dependents has Merit Logical Appointment table (PPPMLA) rows for the input Cycle ID.

The MDP\_DEPT\_MLA\_INFO values, meanings, and how Web Merit System acts on each value is shown below:

Value	MLA Exists / Not Exists for the Current Department		One or more <b>Dependent</b> Dept Exists / Not Exists for the Current Dept	Enable / Disable the links in the Roster for the Current Dept by the Web Merit System		
	<b>This Dept</b>	<b>Dependent(s)</b>		<b>This Dept</b>	<b>Get All</b>	<b>Down</b>
'T'	Exists	Not Exists	Not Exists	Enable	Disable	Disable
'D'	Not Exists	Exists	Exists	Disable	Enable	Enable
'A'	Exists	Exists	Exists	Enable	Enable	Enable
'O'	Exists	Not Exists	Exists	Enable	Disable	Enable
'E'	Not Exists	Not Exists	Exists	Disable	Disable	Enable
'N'	Not Exists	Not Exists	Not Exists	Disable	Disable	Disable

'T' and 'N' are the only combination available for MERITDPT access and the bottom most level departments.

### **Programs**

#### **PPMDPSR – Batch Stored Procedure**

PPMDPSR is a Stored Procedure called by the Web Merit System to develop a list of departments in the output PPPMDP table for the department selected by the user using the input parameters department, ARSM rule, session ID, and type of action for the Merit Roster.

The following changes are needed in the Stored Procedure PPMDDPSR for the Roster Dept Selection List changes .

- a. Add Cycle ID as an input parameter from the Web Merit in the linkage section.
- b. Add a new Cursor logic to access PPPMCP table (for the ARSM rules MERITCTL and MERITADM) to get all the control point dependents in the hierarchical chain for the current input department. This cursor logic will give information such as if any dependent exists or not for the input department. If it exists, then this dependent department is checked against the Merit Logical Appointment table (PPPMLA) with the input Cycle ID to check whether any PPPMLA row exists or not.
- c. The existing Cursor logic to access PPPMCP table (for the ARSM rules MERITCTL and MERITADM) selects all the next level dependent departments when Web Merit calls it with 'GET ONE' (when the user clicks on the 'Down' link) for every department in the current department's level rather than just for this current department only. Logic is added in this Cursor selection so that it now only allows dependent departments for this current department.
- d. The new field MDP\_DEPT\_MLA\_INFO is populated using the information derived from the new cursor for PPPMCP table logic and the PPPMLA access to count the number of rows. This new field is inserted into the PPPMDP table for each department inserted.

### UCPPPMRT – Batch Stored Procedure

UCPPPMRT is a Stored Procedure called by the Web Merit System to access ARSM tables for the input User ID to get all the departments to which this user, or the group to whom the user belongs has access and the different ARSM rules associated with these departments. These lists of departments with their associated details like ARSM rule, Session ID, Department Name, and dept level are inserted into the output PPPMDP table for the Merit Roster screen.

The following changes are needed in the Stored Procedure UCPPPMRT for the Roster Dept Selection List changes .

- a. Add Cycle ID as an input parameter from the Web Merit in the linkage section.
- b. Add a new Cursor logic to access PPPMCP table (for the ARSM rules MERITCTL and MERITADM) to get all the control point dependents in the hierarchical chain for the user's ARSM department. This cursor logic will give information such as if any dependent exists or not for this department. If a dependent exists, then this dependent department is checked against the Merit Logical Appointment table (PPPMLA) table with the input Cycle ID to know whether any PPPMLA row exists or not.
- c. The new field MDP\_DEPT\_MLA\_INFO is populated using the information derived from the new cursor for PPPMCP table logic and the PPPMLA access to count the number of rows. This new field is inserted into the PPPMDP table for each department inserted.

### WebSphere WAS Java/JSP programs :

Package: merit.dataAccessBeans Java Program: ARSMAccessBean.java+

Method: getUCPPPMRT

- Modified method signature. Add new input parameter cycle id

Method: getPPMDPSPR

- Modified method signature. Add new input parameter cycle id

Method: getPPPMDP

- Added a new column (MDP\_DEPT\_MLA\_INFO) in select statement

Package: merit.eventHandlers Java Program: DeptListHandler.java

Method: process

- Change parameter list while calling methods getUCPPPMRT and getPPMDPSPR of the class merit.dataAccessBeans.ARSMAccessBean to include cycle id

Package: merit.displayBeans Java Program: DeptListObject.java

- Added new instance variable dept\_mla\_status and corresponding getter and setter methods.

JSP Page: RosterDeptList.jsp

- Implement logic to display GETALL, THIS and DOWN links

### Include and DDL Member Changes

#### MRT Merit Department Table (PPPMDP):

The following members need changes to add the new field MDP\_DEPT\_MLA\_INFO to PPPMDP table.

The DDL changes needed are in PPPVZMDP, TBMDP00C, and TBMDP01A.

The include member changes are in PPPVZMDP.

MRT Create Stored Procedures:

The following create Merit Stored Procedure members need changes to add the new input CYCLEID field to the procedures PPMDPSPR and UCPPPMRT.

The DDL changes needed are in SPMDPSPR for the procedure PPMDPSPR and SPPPPMRT for the procedure UCPPPMRT.

**Test Plan**

A separate Test Plan document is provided with this release.

**Installation Instructions**

Please review these instructions carefully before proceeding with the installation.

**Installation Sequence**

1. Install for Testing:

- MRT DB2 Table Changes
  - a. Alter the MRT table PPPMDP to add the new field using the DDL TBMDP01A with appropriate authid.
  - b. Drop and then Create the views to table PPPMDP by executing the following DDL after including any campus modifications.  
PPPVZMDP

- Include Member Changes

Install changes to the following base system INCLUDE member.  
PPPVZMDP

Similar changes must be made to all local include members corresponding to the above view.

- Install the DDL members listed in the following table, replacing \*COLLID\* with the collection ID for Web EDB Inquiry.

Once installed, execute each DDL member to delete and then create the DB2 objects. The CURRENT SQLID must be set to the value of \*AUTHID\* when creating the stored procedure objects.

DDL Members	Installed?	Executed?
SPMDPSPR		
SPPPPMRT		

Once the stored procedures have been created with the DDL in step 4, the procedures must be started using the DB2 START command (from SPUFI or in batch) as shown below:

**-START PROCEDURE (\*AUTHID\*.\*)**

Replace \*AUTHID\* in the above command with the value of \*AUTHID\* used to modify the DDL members above.

- COBOL Program Installation

Note: At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

**Note:** This release compiles the stored procedure categories of programs (“SPROC”). “SPROC” programs require a single compile and link into the stored procedure load library.

The new “SPAS” designation indicates that a module needs to be compiled and linked into the appropriate SPAS loadlib. If only “SPAS” is indicated in the Compile column, then the module is either a called procedure, or only called by a stored procedure. If additional compilation is required, it will be also indicated in the former manner of Dual Use, Dual Use-Online Only, or Batch.

Install, compile and link the **new** programs listed in the following table.

<b>Program</b>	<b>DB2?</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPMDPSPR	Yes	SPAS	Yes	
UCPPPMRT	Yes	SPAS	Yes	

### **Timing of Installation**

The installation of this release is **Not Urgent**.

As usual, campuses are encouraged to install this release in as timely a fashion as possible and in the normal numeric sequence.

If there are any questions related to batch side, please send electronic mail to Baskar.Chitravel@ucop.edu, or call (510) 987-0692. For questions related to online side, please send electronic mail to Kalpa.Barman@ucop.edu or call (510) 987-0012.

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