

Release 1809

**Service Request 81975
2007 Merit Enhancements to Reports PPP6751 and
PPP6761– Phase II**

Detail Design

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Introduction

Service Request 81975

Service Request 81975 asks that enhancements be made to the report PPP6751 generated by the process which extracts EDB data for the Web Merit Rosters and the report PPP6761 which is generated by the process which creates the EDB update transactions based upon the Web Merit Roster data.

The requirements specified by this service request were addressed in two phases in order to expedite the greater need for the new error report to come out of the process which generates the EDB update transactions. The first phase was the split of the PPP6761 EDB Update Transaction report into a transaction summary report PPP6761 and an error report PPP6762. These changes were made available in Release 1789.

This second phase will address the PPP6751 extract report, which will be split into two reports so that the extract detail by employee and the errors print separately.

Current Process:

The online Web Merit System passes Employee Database (EDB) data into its own Merit tables using merit extract batch COBOL program PPP675. Some of the merit data is then changed using the online Web Merit Roster screens. After the online changes have been approved, program PPP676 creates merit update transactions that are then applied back to the employee database via batch file maintenance.

Currently, program PPP675 combines both the extract employee detail and errors on a single report, the Web Merit EDB Extract Errors and Run Controls Report, PPP6751.

Report PPP6751 is currently sorted in employee ID order but does not show the employee name or department information.

Proposed Process:

Reports PPP6751 should be split into two separate reports: one for the extract detail at the employee level, PPP675, and one for errors, PPP6752.

Report PPP6751 (employee detail) should be enhanced to include the employee's name and home department information for each employee on the report.

Error Report 2154

After performing a select on the PRM table for the "standard number of hours in a year", parameter 41, the SQL return code is not evaluated. Therefore, if the return code is bad, the program proceeds with a zero in the number of hours field. Later the program uses this as a multiplier when calculating annual salary that results in a salary of zero. This SQL return code should be evaluated.

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Overview of PPS Modifications

Web Merit Extract Report PPP6751

This second phase for this Service Request will address the PPP675 extract report which will be split into two reports. The reports will be PPP6751, the extract employee detail, and PPP6752, the error report.

Report PPP6751, the Employee Detail report, will look similar to the original PPP6751 but will have the employee name and home department information added to each line. Certain errors that previously printed on this report will continue to print on this report. These are errors with a message level severity 3 - Warning or a severity 5 - Tran Reject.

The new Error Report PPP6752 will report errors with a message level severity 8 - See Operatn or 9 - See Systems. These are fatal errors which cause processing to stop with all updates backed out.

This release will also address Error Report 2154. The program will be changed to include an evaluation of the SQL code returned after a read of the System Parameters table. If an error occurs when reading the table, the program will stop processing. Previously any error was ignored which could result in performing annual salary calculations with a zero "standard number of hours in a year".

Programs

New and Modified Programs

PPP675

PPP675 is the Web Merit program which extracts EDB data to be put on the Web Merit Extract database.

Currently there is a single report, PPP6751, generated. It includes detail information for each employee for which data is extracted for the Web Merit cycle(s) requested. It also includes the reporting of any errors that might occur during processing. This program will be modified to split this report into two reports.

The first report PPP6751 will include employee detail information and will be enhanced by adding the employee's name, home department number and department description. The title of the report will be changed from "Error and Run Controls" to "Employee Detail". This report will continue to report those error messages which have a message level severity 3 - Warning or a severity 5 - Tran Reject.

The new PPP6752 Web Merit Error Report will be added to the program for printing information about processing errors with message level severity greater than 7. These include errors with a message level severity 8 - See Operatn or 9 - See Systems. This report will use subroutine PPMSGUT2 which produces a standard PPS error report. If one of these errors occurs, processing will stop and all updates will be backed out.

An evaluation of the SQL return code after a read of the System Parameters table will be added to address the Error Report 2154. This will ensure that a bad return code will be detected and processing will stop. The process for handling this error condition already exists but could never be invoked because the SQL return code was never set.

JCL Changes

PPP675

The JCL for PPP675 will need to be changed to include the new Error Report file, DDname WRNPRT.