



**US Army Corps  
of Engineers ®**

**U.S. Army Corps of Engineers  
Resident Management System (RMS)  
Software Maintenance Release**

**RMS Patch: 343**

**April 13, 2022**

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## 1 Introduction

This document provides the details of the RMS application changes to accommodate the upgrade to patch 343, which was released on April 13, 2022. Please note this is a hotfix release.

### 1.1 Overview

**The changes for this release are summarized below:**

#### **New Features/Changes/Issues Fixed**

1. Fixed Contract Status Photo Issues on New GFE Computers (FIPS Error)
2. Fixed Slow Loading / Sorting of QA / QC Reports on Large Contracts
3. Removal of QA/QC Refresh Module

### 1.2 Contact

If issues or concerns should arise, please contact the Help Desk.

- Toll Free: 442-333-1011 – RMS Helpdesk Tech Support Center
- Operation Hours: 24/7, excluding holidays

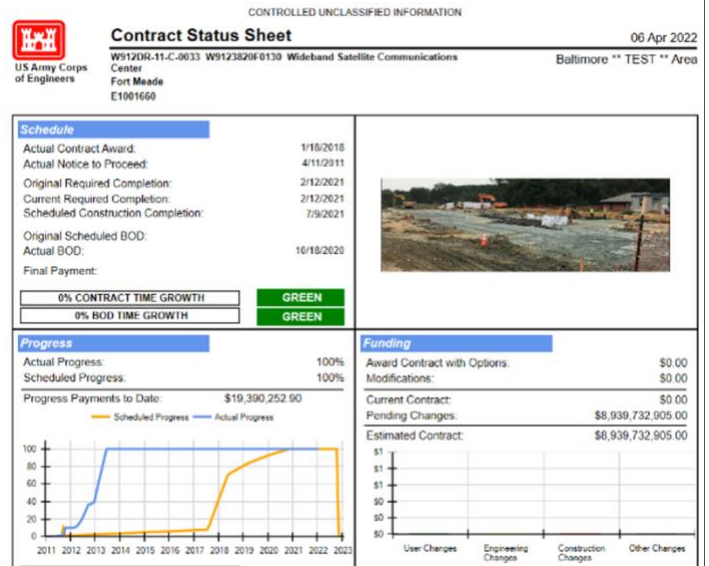
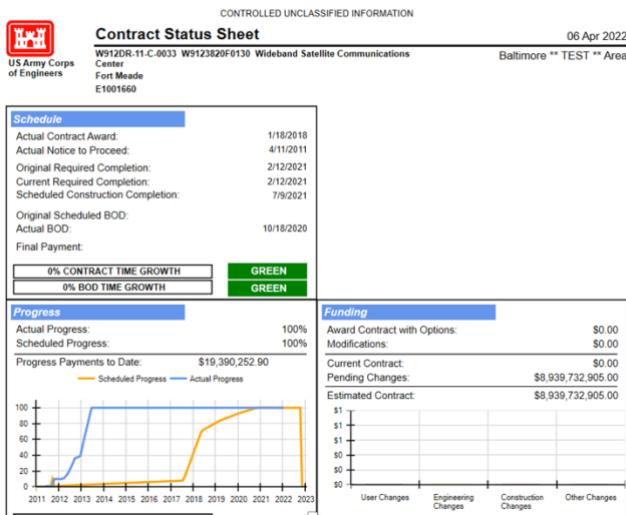
## 2 New Features / Changes / Issues Fixed

### 1. Fixed Contract Status Photo Issues on New GFE Computers (FIPS Error and No Photos)

Some Government users with new computers were getting a FIPS crash error or not able to generate photos when attempting to run certain Telerik reports (specifically the Contract Status Sheet). This issue has been fixed.

Before:

After:



The FIPS crash looked something like this (there were several similar errors that were related to this – crashing when trying to generate reports):

----- InnerException -----

This implementation is not part of the Windows Platform FIPS validated cryptographic algorithms.

## 2. Fixed Slow Loading / Sorting of QA / QC Reports on Large Contracts

The QA / QC Daily Reports module has been significantly improved to handle contracts with large numbers of attachments while maintaining the statuses of signed documents and whether or not documents have been sent off to PCF (on the selection screens for both QA / QC Daily Reports).

## 3. Removal of QA/QC Refresh Module

The QA/QC tab there was a Refresh Daily Report module that has been removed as it is no longer applicable. In the past RMS used to store images of daily reports in the database and this module would allow users to “freshen” or update the daily reports with the latest data. Due to Telerik Reports always generating the latest data for the reports when run, this module is no longer applicable and has been removed.

Before:

Administration	Finances	QA/QC	Submittals	Schedules	Closeout	Import/Export	Contract Reports
<b>QA Daily Reports</b> <i>Prepare and Review Daily QA Reports.</i>	<b>QC Daily Reports</b> <i>Prepare and Review Daily QC Reports.</i>	<b>QA/QC Summary</b> <i>A roll-up of each QA and QC Daily Report entry topic.</i>	<b>Weather Delays</b> <i>A monthly picture of Weather Delays and analysis of days to be added to contract.</i>	<b>Features of Work</b> <i>Listing of Definable Features of Work to be used in the 3-Phase Inspection process.</i>	<b>Three Phase Inspections</b> <i>A tabulation of DFOW and the number of Checks linked to the 3-Phase Meetings.</i>	<b>Hazard Analysis</b> <i>Listing of each AHA that has been, or should be, prepared for each hazardous activity.</i>	<b>QC Requirements</b> <i>Entry screens for QC Tests, User Schools, Installed Property, and Transfer Property.</i>
<b>Equipment Checks</b> <i>Listing of Equipment used, or anticipated to be used on the jobsite.</i>	<b>Dredging Equipment</b> <i>Listing of Dredging Equipment used, or anticipated to be used.</i>	<b>Exposure Hours</b> <i>Compilation of all contractor and subcontractor hours of work to comply with OSHA.</i>	<b>QA Tests</b> <i>Government QA Tests - Target 10% of Contractor QC Tests.</i>	<b>Required Verifications</b> <i>Government Confirmation of selected QC Requirements.</i>	<b>Planned Interviews</b> <i>Targeted Labor Standard Interviews of Contractor Labor Force.</i>	<b>Refresh Daily Reports</b> <i>Refresh QA and QC Daily Reports that have become stale due to corrections.</i>	

After:

Administration	Finances	QA/QC	Submittals	Schedules	Closeout	Import/Export	Contract Reports
<b>QA Daily Reports</b> <i>Prepare and Review Daily QA Reports.</i>	<b>QC Daily Reports</b> <i>Prepare and Review Daily QC Reports.</i>	<b>QA/QC Summary</b> <i>A roll-up of each QA and QC Daily Report entry topic.</i>	<b>Weather Delays</b> <i>A monthly picture of Weather Delays and analysis of days to be added to contract.</i>	<b>Features of Work</b> <i>Listing of Definable Features of Work to be used in the 3-Phase Inspection process.</i>	<b>Three Phase Inspections</b> <i>A tabulation of DFOW and the number of Checks linked to the 3-Phase Meetings.</i>	<b>Hazard Analysis</b> <i>Listing of each AHA that has been, or should be, prepared for each hazardous activity.</i>	<b>QC Requirements</b> <i>Entry screens for QC Tests, User Schools, Installed Property, and Transfer Property.</i>
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