

# Resident Management System Newsletter



US Army Corps of Engineers

## RMS Version 2.33 Now Available

The RMS Center has posted the latest version of the program on the RMS Websites and have updated each CEAP Center.

This release requires some database changes to support the new features and enhancements. The required changes, including the migration, are handled by the RMSSchema utility which is also posted on the winrms ftp server and the RMS Websites. Your Users will need to be out of the program for the update.



Consolidated Maintenance Facility  
Fort Irwin, California

### Special Points of Interest

- CEFMS Changes
- Enhancements
- Program Fixes

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## RMS Program—Update

- The most important addition to this update of RMS is the synchronization of progress payments between RMS and the CEFMS interface.
- This latest version of RMS includes numerous new features, enhancements and fixes. Please review the following pages on each subject.
- New RMS and QCS Users Manuals will be posted soon and will provide additional documentation on these items.

## Feature Article

### CEFMS Payment Interface

The Progress Payment Module in RMS has been enhanced to add a number of new features.

1. Payee Office ID is selected in RMS and sent to CEFMS when payments are made.
2. The Obligation tab now shows both previous earnings and CEFMS Accruals on each Obligation Line Item. The Obligation Payment Status column shows funds availability and when Reversals of Accruals are required.



| Progress Payment - Invoice No. 6 - UNREVERSED ACCRUALS   |                            |                   |                      |                       |                           |  |
|--|----------------------------|-------------------|----------------------|-----------------------|---------------------------|--|
| Invoice  |                            | Activity Earnings |                      | Additional Earnings   |                           | Obligations  |
| Line Item  | Obligation Amount in CEFMS | Previous Earnings | CEFMS Accruals       | Available for Payment | Obligation Payment Status | Earnings this Period   |
| 0001   | 0.00 EU                    | 0.00 EU           | 0.00 EU              | 0.00 EU               | Funds Available           | 0.00 EU  |
| 0001DN   | 10,161.30 EU               | 0.00 EU           | 0.00 EU              | 10,161.30 EU          | Funds Available           | 0.00 EU  |
| 0002   | 121,519.08 EU              | 0.00 EU           | 0.00 EU              | 121,519.08 EU         | Funds Available           | 120,000.00 EU  |
| 0003   | 10,019,862.89 EU           | 229,600.00 EU     | 1,229,390.93 EU      | 8,960,891.96 EU       | Consider Accrual Reversal | 2,000.00 EU  |
| 0004   | 200,479.26 EU              | 0.00 EU           | 20,174.26 EU         | 172,305.00 EU         | Accrual Reversal Required | 172,305.00 EU  |
| Refunds/Withholding for All Obligations: <b>REVERSAL REQUIRED</b><br><b>Max available after reversal 200,479.26 EU</b> |                            |                   |                      |                       |                           | Obligations this Period: 510,000.00 EU<br>Earnings this Period: 510,000.00 EU<br>Variance: 0.00 EU |
| Line Item 0004 TITLE III, 7.1.7. MAIN FACILITY   |                            |                   |                      |                       |                           |  |
|  | Previous Total Withheld    | X                 | Withhold this Period | Refund this Period    | Total Withheld To Date    |  |
| Retained Percentage  | 0.00 EU                    | 0                 | 0.00 EU              | 0.00 EU               | 0.00 EU                   |  |
| Other Deductions   | 0.00 EU                    |                   | 0.00 EU              | 0.00 EU               | 0.00 EU                   |  |
| Liquidated Damages   | 0.00 EU                    |                   | 0.00 EU              |                       | 0.00 EU                   |  |
| <input type="checkbox"/> ENG 53 Completed for this Pay Period <input type="button" value="Send to CEFMS"/>             |                            |                   |                      |                       |                           |  |

*If you had to identify, in one word, the reason why the human race has not achieved, and never will achieve, its full potential, that word would be "meetings."*

3. Actual Earnings on the Monthly Schedule are not posted until the Progress Payments are Approved by the COR in CEFMS

4. The CEFMS download has been modified to download approved payments from CEFMS and update the Progress Payments in RMS. This assures that Progress Payments in RMS always match the approved payments in CEFMS.

## CEFMS Payment Interface (Continued)

4. The CEFMS download has been modified to download approved payments from CEFMS and update the Progress Payments in RMS. This assures that Progress Payments in RMS always match the approved payments in CEFMS.

5. RMS now downloads information on the payments made to the contractor. The check date paid, check number, earnings paid, and any interest payments are shown for each payment.

### Payment Details

| Payment details for Invoice No. 9 - Invoice received date 01/02/2003 |              |                |           |           |           |               |                |  |
|--|--------------|----------------|-----------|-----------|-----------|---------------|----------------|--|
| Earnings Payment of \$1,215,053.50 due on 01/16/2003                 |              |                |           |           |           |               |                |  |
| Check Date   | Check Number | Earnings Paid  | Pay Terms | Days Paid | Days Late | Interest Paid | Total Paid     |  |
| 01/23/2003   | 805118770    | \$1,215,053.50 | 14        | 21        | 7         | \$1,004.11    | \$1,216,057.61 |  |
|  |              |                |           |           |           | \$1,004.11    | \$1,216,057.61 |  |

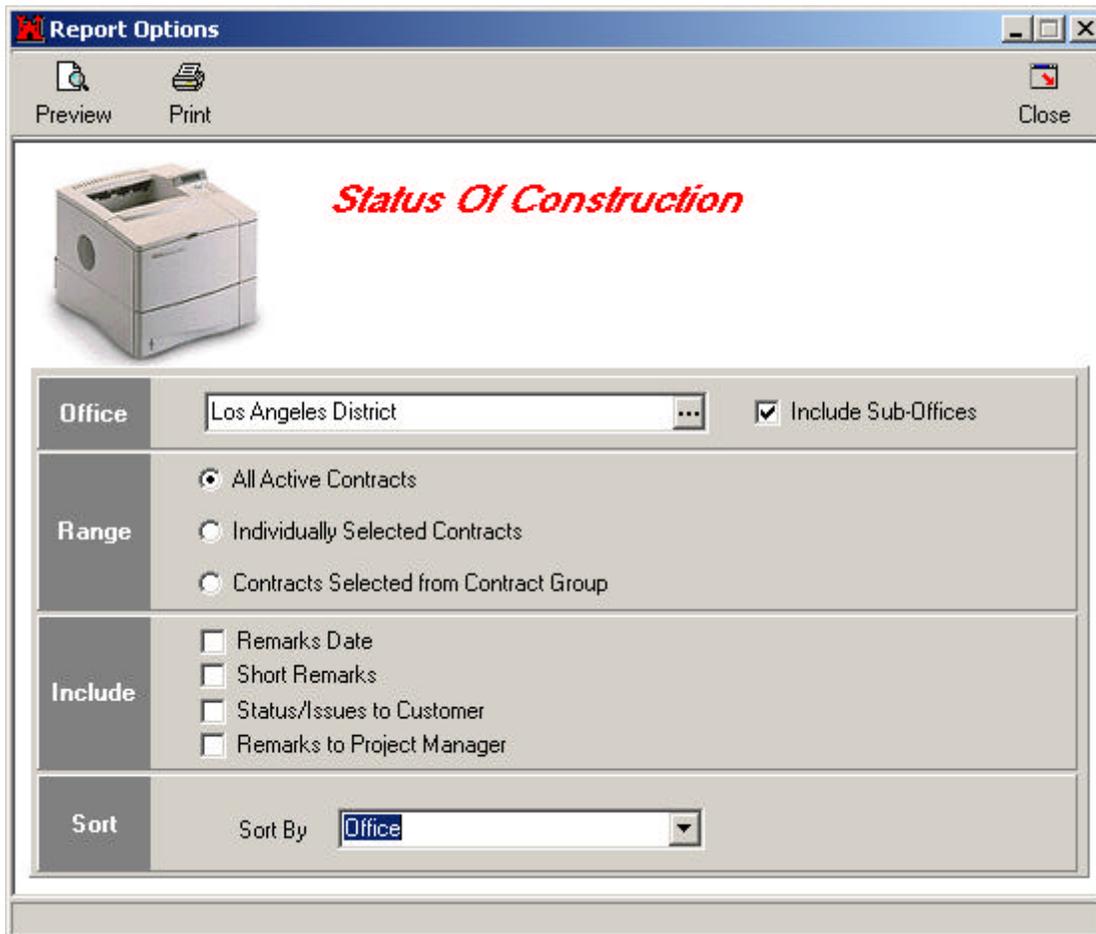
*“For every complex problem, there is a solution that is simple, neat, and wrong.” — Henry Lewis Mencken, U.S. Editor and Critic, 1880-1956*



## Summary Reports

Summary reports have been enhanced to allow multiple ranges and sort options. RMS users can setup predefined groups of contracts that can be selected when the *Summary Reports* are run. Users also have the option to individually select contracts when *Summary Reports* are run.

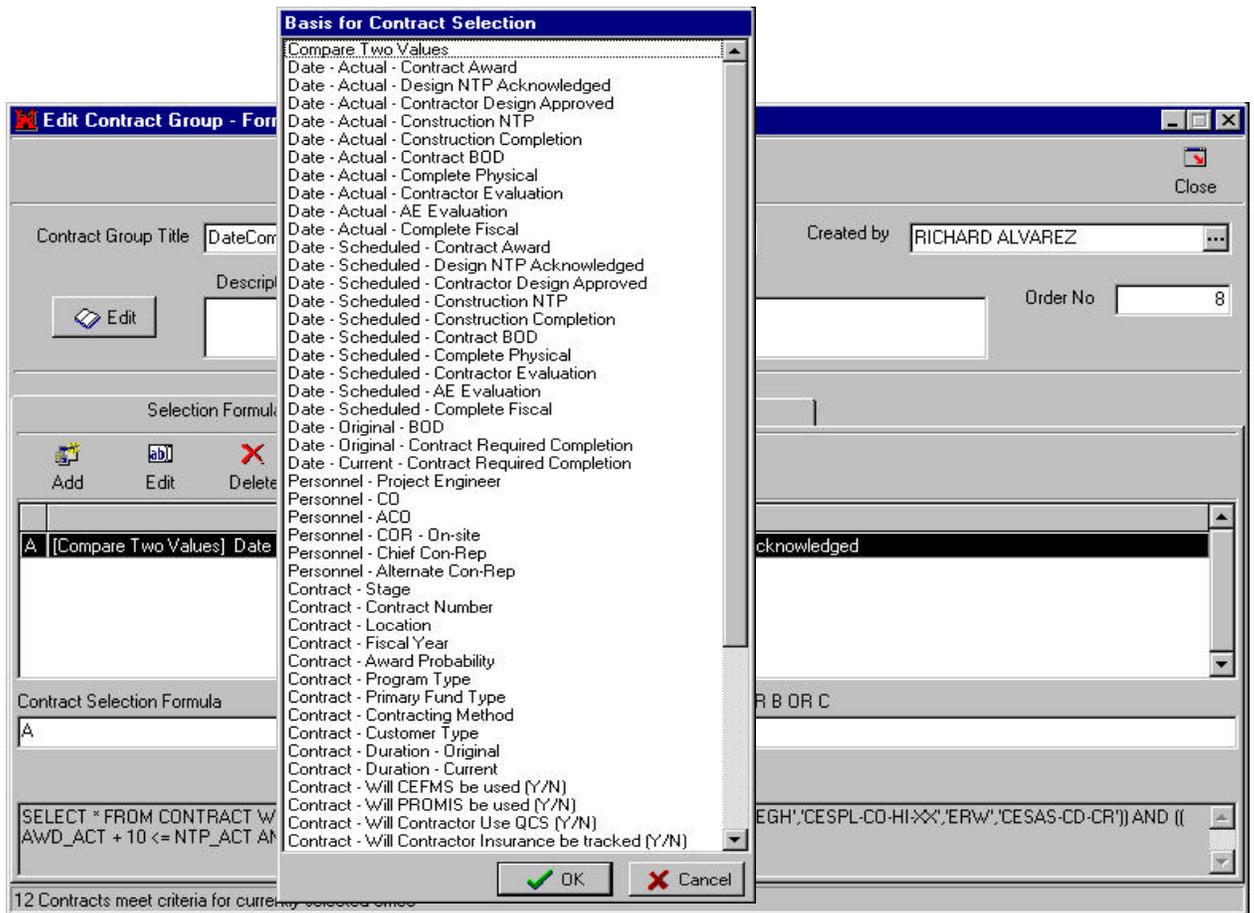
You can now sort *Summary Reports* by Office, Contract Office, Customer, Program Type, Fiscal Year, Contracting Method, Project Manager, or Construction Representative.



The screenshot shows a software window titled "Report Options" with a blue header bar. Below the header are three buttons: "Preview" (with a magnifying glass icon), "Print" (with a printer icon), and "Close" (with a red X icon). The main content area features a printer icon on the left and the title "Status Of Construction" in red italicized font on the right. Below this is a form with four sections: "Office" with a dropdown menu set to "Los Angeles District" and a checked "Include Sub-Offices" checkbox; "Range" with three radio button options: "All Active Contracts" (selected), "Individually Selected Contracts", and "Contracts Selected from Contract Group"; "Include" with four unchecked checkboxes: "Remarks Date", "Short Remarks", "Status/Issues to Customer", and "Remarks to Project Manager"; and "Sort" with a "Sort By" label and a dropdown menu set to "Office".

## Contract Groups

Users can add Contract Groups in the “Summary” Module of RMS for the office they are assigned to. No special access permissions are required to add new groups. These groups allow you to pre-define the contracts that will be included on *Summary Reports*. Contract Groups can be created by manually selecting Contracts that are to be included in the Group, or by writing a formula that RMS uses to find all contracts meeting the contract selection formula.



## Contract Groups (Continued)

For example, if you want to create a group that shows all contracts that were completed late during the last year, you can use the new *Compare* feature in the *Contract Group Module* in RMS. Notice the “*Compare Two Values*” option at the top of the pick list. (See below)

**Contract Selection Criteria**

**Compare Two Values**

Dates  
 Dollar Amounts  
 Percentages

Choose First Date to Compare  
 Date - Actual - Construction Completion

Choose Second Date to Compare  
 Date - Current - Contract Required Completion

Compare Two Dates

Date 1 is on or before Date 2  
 Date 1 is on or after Date 2

by at least x days  
 1

OK Cancel

**Contract Selection Criteria**

**Date - Actual - Construction Completion**

Selected Date(s)  
 No Date  
 Any Date

Date - Actual - Construction Completion

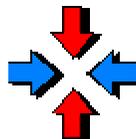
Equal to  
 Not equal to  
 Less than  
 Less than or equal to  
 Greater than  
 Greater than or equal to  
 Within ± \_\_ days of system date  
 Within ± \_\_ fiscal years  
 Within range of two selections  
 Outside range of two selections

Number of Days Before System Date  
 365

Number of Days After System Date

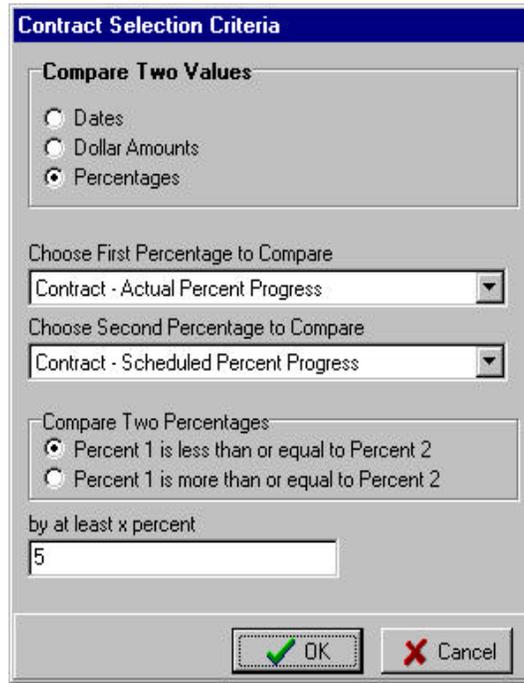
OK Cancel

You can do this by including all contracts where the “Actual Construction Completion Date” is after the “Current Contract Required Completion Date” by a least one day and “Actual Construction Completion Date” was within 365 days of the system date.



## Contract Groups (Continued)

Another example of using *Contract Groups* is to create a group of contracts that includes all active contracts that are behind schedule for the “**Status of Construction**” report.



**Contract Selection Criteria**

**Compare Two Values**

- Dates
- Dollar Amounts
- Percentages

Choose First Percentage to Compare  
 Contract - Actual Percent Progress

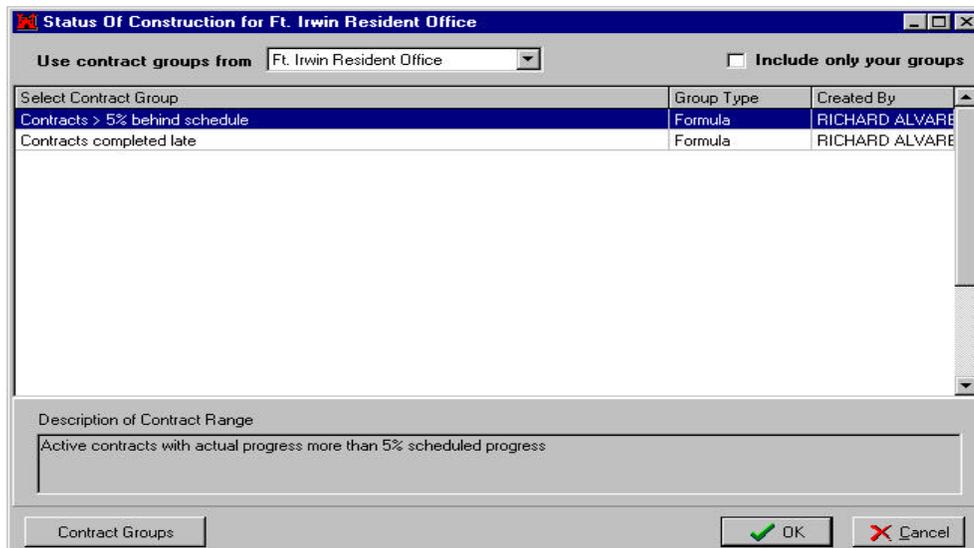
Choose Second Percentage to Compare  
 Contract - Scheduled Percent Progress

**Compare Two Percentages**

- Percent 1 is less than or equal to Percent 2
- Percent 1 is more than or equal to Percent 2

by at least x percent  
 5

The *Summary Reports* allow you to select the *Contract Group Report* you want to print by highlighting the group. This screen also allows you to add new contracts groups by selecting the *Contract Groups* button.



**Status Of Construction for Ft. Irwin Resident Office**

Use contract groups from: Ft. Irwin Resident Office  Include only your groups

| Select Contract Group          | Group Type | Created By     |
|--------------------------------|------------|----------------|
| Contracts > 5% behind schedule | Formula    | RICHARD ALVARE |
| Contracts completed late       | Formula    | RICHARD ALVARE |

Description of Contract Range  
 Active contracts with actual progress more than 5% scheduled progress

# New and Improved Features

## Monthly Schedule

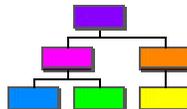
The monthly Schedule now includes Actual Contract Earnings and Accruals and Reversals of Accruals for each month. Construction Placement is shown as actual percent placement to date plus projected placement for future months vs. Target Scheduled percent placement for the contract.

**Active Contract** Current Contract **\$1,547,615.00**

**Construction Placement**  
 ■ Actual Placement thru May 03  
 ■ Projected Placement thru Nov 03

| Month    | Monthly Earnings | Monthly Accrual | Total Placement | Actual / Projected % | Target Scheduled % |
|----------|------------------|-----------------|-----------------|----------------------|--------------------|
| ▶ Sep 02 | \$0.00           | \$0.00          | \$0.00          | 0                    | 0                  |
| Oct 02   | \$0.00           | \$0.00          | \$0.00          | 0                    | 0                  |
| Nov 02   | \$0.00           | \$0.00          | \$0.00          | 0                    | 0                  |
| Dec 02   | \$90,643.00      | \$0.00          | \$90,643.00     | 6                    | 0                  |
| Jan 03   | \$26,280.90      | \$0.00          | \$116,923.90    | 8                    | 0                  |
| Feb 03   | \$0.00           | \$0.00          | \$116,923.90    | 8                    | 0                  |
| Mar 03   | \$100,773.51     | \$0.00          | \$217,697.41    | 14                   | 0                  |
| Apr 03   | \$65,596.21      | \$0.00          | \$283,293.62    | 18                   | 0                  |
| May 03   | \$0.00           | \$0.00          | \$283,293.62    | 18                   | 0                  |
| Jun 03   | \$428,609.38     |                 | \$711,903.00    | 46                   | 0                  |
| Jul 03   | \$232,142.00     |                 | \$944,045.00    | 61                   | 0                  |
| Aug 03   | \$232,142.00     |                 | \$1,176,187.00  | 76                   | 0                  |

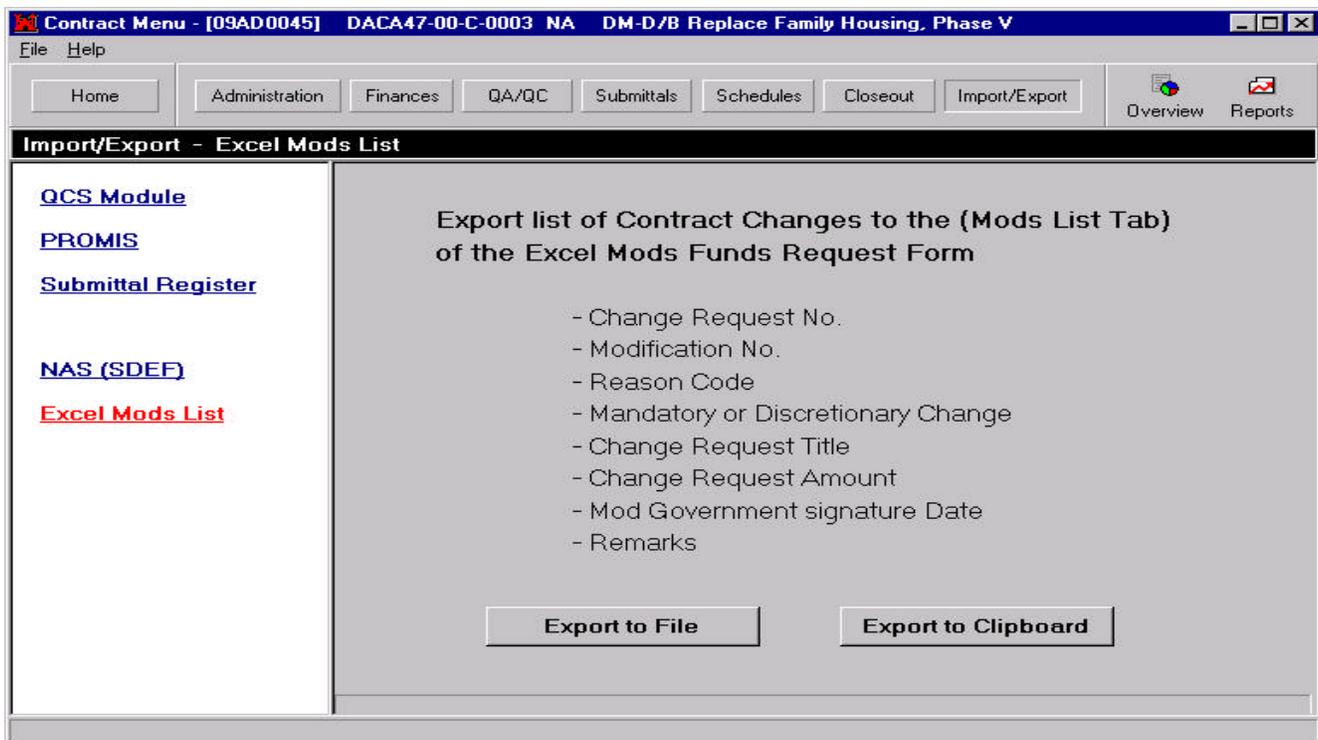
Buttons: Generate Projected Percent, Generate Scheduled Percent, Schedule Graph



## New and Improved Features (Continued)

### Funds Requests

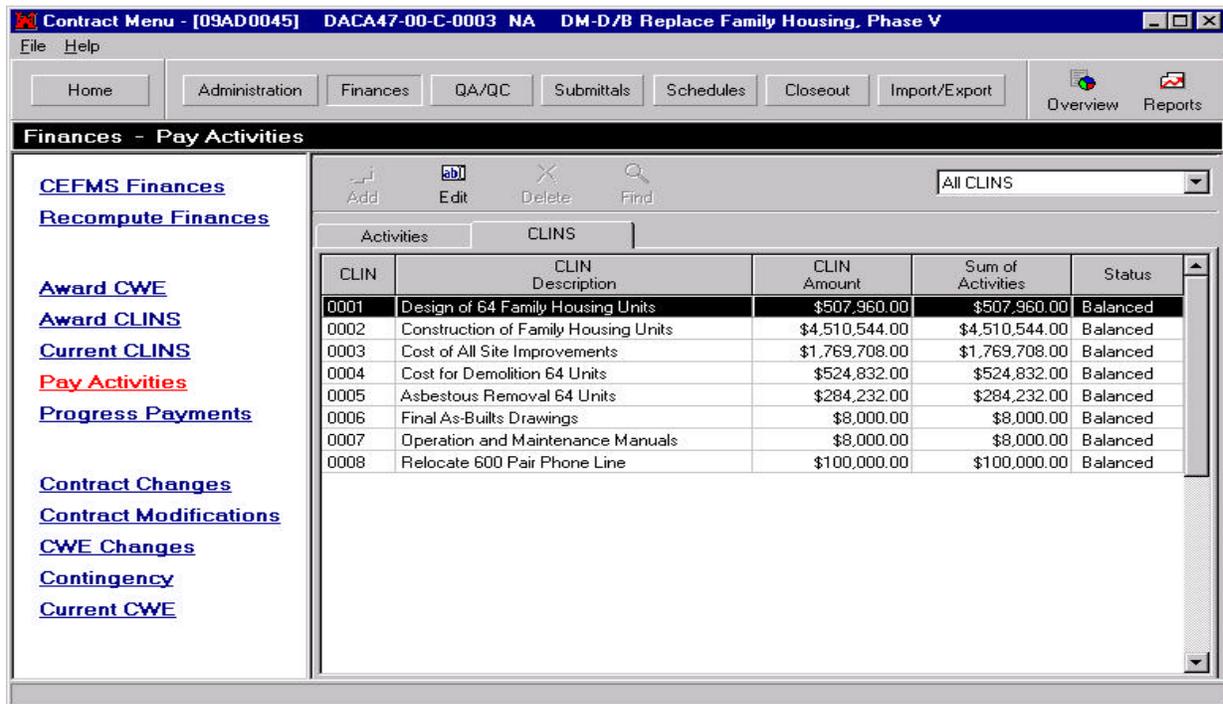
HQUSACE has issued guidance on using the new EXCEL Funds Request Form for requesting additional funds during construction. RMS has added an export module that produces a file that can be pasted into the funds request form, providing all necessary information on pending changes and completed modifications.



## New and Improved Features (Continued)

### Pay Activities

The Pay Activities module in RMS and QCS have been modified to include a new CLIN Browser Tab. The CLIN Browser allows the User to quickly see a list of the CLINS and balance the activities linked to them. The CLIN Browser also lists any invalid CLINS or activities not linked to a CLIN. Users have ranges that allow CLINS to be filtered to show All CLINS, Unbalanced CLINS, Invalid CLINS, or Activities that are not assigned to CLINS.



## New and Improved Features (Continued)

### Transmittals and Submittals

The multiple delete function has been improved and now uses check boxes for multiple deletions. This feature has been added to several screens, including Contract Specification Sections, Submittal Register, and Transmittal Log in the RMS program; and Contract Specification Sections, and Submittal Register in the QCS program.

### Milestones

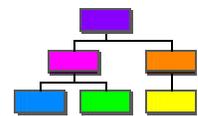
The Milestones modules in the District Library, Local Library, and Contract Milestone Schedule section have been modified to allow more control of scheduling milestones. The order of milestones may now be set by order numbers. This ensures milestones will always be displayed in the correct order. Milestones may now be scheduled by linking one Milestone to another Milestone or linking a Milestone to a construction activity. Symbols have been added to differentiate District (Mandatory Milestones), Local office milestones and Contract Milestones. A check box was added that allows users to view only mandatory milestones.

### CLIN History Report

The CLIN History Report was rewritten to show the current CLIN amounts with a history of the award amount and all modifications to the CLIN to date. The report also shows complete details of the current obligations and work items funding the CLIN.

### Standard Data Exchange Format (SDEF)

The *SDEF Import Screen* has been revised and allows the Users more flexibility with their activities. We now allow the User to be able to turn on and off the items they would like to import from the SDEF File. This gives a the User more control over their import. Several functions were added to check the validity of the SDEF File proposed for import, which will not allow the importing of invalid files.



### Additional Reports

Additional reports have been added to the available summary reports.

- . Cost and Time Growth report for all types of construction (previously only Military contracts could be selected)
- . Small Business Distribution Report.

The *District Policy Module* now allows you to enter your District's goal for the percent our Prime contractors should be subcontracting to small business contractors. (Based on a percent of the total subcontract amount) RMS lets you identify subcontractors that are small business contractors. The new Small Business Distribution report summaries show how well the District is doing with its small business goals.

## New and Improved Features (Continued)

### RMS Improvements

RMS now compares all 4 digits of the version number when deciding whether or not to display the “nag” message to tell the user that a newer version of the program than the one they are currently using is available.

RMS Backup of a contract (under File – Utilities – Backup) now forces the user to specify a filename that ends in .zip

Many users have requested a copy of the “RMS Data Dictionary.” This has been integrated into RMS. Users can access the data dictionary for the version of RMS they are using by going to Reports -> Library -> Data Dictionary. (They can choose the complete dictionary or specific tables they are interested in.)




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*“A spoken contract  
isn't worth the  
paper it's written  
on.” — Sam  
Goldwyn*

### QCS Improvements

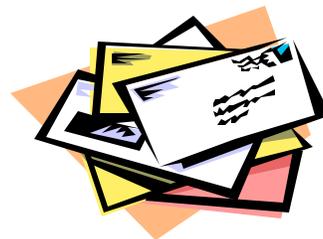


The QCS backup utility now allows the user to have multiple backups. The name defaults to QCSyymmddhhmm.gdb. (yy – Year, mm – Month, dd – Day, hh – Hour, mm – Minute) that backup was created. (When restoring the user can choose which backup file to restore from.)

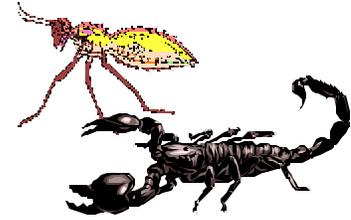
QCS exports no longer send all data every time they do an export. Only records that have been changed since the last version of a QC export that the government has fully processed get sent. (Contractor can “force” all records to get sent and examined by RMS by “control right clicking” on the export button in the RMS export screen before starting the export.) This change should significantly reduce the size of QCS export files.

### Correspondence

The Correspondence Module has been modified to now allow Users with READ ACCESS Only to view letters that have been saved in Word.



## Bugs, Fixes, and Other Scorpions



Long delay when importing a new job has been alleviated. This was achieved by optimizing the program code to increase speed of processing. A merging utility was added to allow for the proper merger of holding tank activities with current activities within QCS.

Users have reported that when they exited the DD Form 1149 screen in RMS, their data was not being saved from the **Transfer Properties Tab** of the **Edit** screen. This has been fixed.

Subcontractor tracking has been added to the QCS and RMS program modules. Checks have been added to **not allow** the deletion of contractors if they are currently being used in the program. The next step will be to allow replacing of currently used contractors with other contractors.

Users reported that they were able to save an invalid date with the Contractor Insurance screen. This has been fixed, as the program now verifies dates properly.

Currency formatting in RMS was changed for improved consistency. (Currency display and editing formats are now driven by the data dictionary.)

Corrected the percentage calculation related to floating point values in the form 2626 Contractor Evaluation.

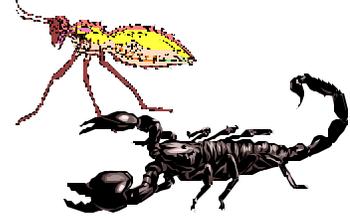
In the RMS Word Macros corrections were made on the following:

- {COR\_NAME} is now returning the employee name. In the previous release it was returning employee id no.
- {CHANGE\_OPT\_DWG} and {CHANGE\_OPT\_SPEC} were not correctly filtering to current contract. The “generic” lookup dialog has also been updated in order to display the contents of CLOB (character large object/memo) fields.
- Field based macros now honor “Lookup field” info in the data dictionary and will return the corresponding lookup value instead of the raw data contained in the field.
- RMS Word Macros were not getting set when generating documents under certain conditions. (Macros contained in the header when the user had specified to use a different header for the first page than subsequent pages resulted in the first page header macros not being set. This most likely affected first page footers when first page footer was set to be different than the rest of the footers as well.)

When a user exists after adding a Correspondence document without actually creating a document the customized prompt no longer has grammatically incorrect message.

*Did you ever notice, when you are sitting at a red light, that when the person in front of you pulls up a couple of inches, you are compelled to move up too? Do we really think we are making progress toward our destination? "Whew, I thought we would be late, but now that I am nine inches closer, I can stop for coffee and a danish!" — Jerry Seinfeld*

## Bugs, Fixes, and Other Scorpions (Continued)



RMS Users have been reporting that when they would perform an IMPORT from the Contractors' QCS program file, *that contained Transmittals that were already Awaiting Approval within the Imported Transmittals screen* (located in the Transmittals In Review area), the already existing Transmittals would be overwritten by the new import. This has now been fixed to operate correctly.

The RMS program has been corrected to allow the electronic copy of the Transmittals to remain in the Imported Transmittals section until they are date stamped with the Date Received of actual transmittal items.

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## RMS DITSCAP Information

The RMS Center is in the process of completing the Department of Defense Information Technology Security Certification and Accreditation Process (DITSCAP). The DITSCAP is the standard DOD process for software to be certified as meeting security requirements. The RMS DITSCAP documents have been submitted to HQ and are awaiting final approval. The RMS Center was able to save approximately \$200,000 by preparing the DITSCAP documents in house.





# Organization

## ***RMS Center***

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**Teamwork Takes Planning!**

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**WE'RE ON THE WEB**  
**HTTP://WINRMS.USACE.ARMY.MIL**

**HTTP://24.12.221.75/RMS**

**HTTP://24.12.221.75/QCS**

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