

Application Modifications and Enhancements

HiCAMS Version 4.4 & DOH Vendor Version 2.5 were released Saturday, 9/16/2000.

HiCAMS Version 4.4

SAMPLING - Review Sample Details

- The Material Selection Window now has an option to filter the material list by a Contract and Line Item.
- You need update security access to the Alt ID tab on the Review Sample Details Window to be able to enter/edit/delete alternate Ids.
- Up to 10 characters can be entered in the Field ID field on the General Tab of the Review Sample Details Window.
- Up to 255 characters can now be entered in the To Be Used In field on the General Tab of the Review Sample Details Window.
- "Station To" and "Station From" data can now be entered on the Cont/Loc Tab on the Review Sample Details Window. These station fields are comprised of two entry fields separated by a plus sign. The first field (before the +) holds up to 8 numbers. The second field (after the +) holds up to 11 numbers.
- "REs Sampling Authorization Lab" has been added to the selection list of the "Submitted To" field on the Tracking Tab of the Review Samples Details Window.

SAMPLING - Receive Samples

- "REs Sampling Authorization Lab" has been added to the selection list of the Samples Pending Receipt At: field on the Receive Samples window.

SAMPLING - Review Test Results

- Automatic "Batch Printing" of test results is now available to M&T Lab personnel on Blue Ridge Road. This functionality allows for one copy of all test results of authorized samples to be printed at a predetermined time to one predefined printer. The printed results are sorted by Lab. When a sample has parts only the test results of the authorizing lab will print.
- Manual "Batch Printing" of test results is now available by security tag. This functionality allows for up to 15 test results of authorized samples to be printed on demand. The test results to print are selected by Lab or date range. The user can select the number of copies to print.
- Resident Engineers can have security set to allow them to open, edit and authorize test results.
- Test Format Maintenance window will now show UOM along with material description. SQA 11967
- Test Reports will now print 3 rows of 6 Alternate Ids each. More than that will go on a second page. Each Alternate Id can be up to 15 characters.
- Users are advised that their desktop settings can influence the quality of how a Test Result prints. Users who have changed the color setting for the item "Window" to a color other than white will find that Test Results will print all the

fields shades of gray when using a Black and White printer. To check your settings, click through Start -> Settings -> Control Panel -> Display. In the upper half of the Appearance tab of the pop-up Display Properties, click near the words "Window Text". Confirm that the item "Window" has a color of white. This will increase the quality of your printed report.

SAMPLING - View Pending Lab Samples

- "REs Sampling Authorization Lab" has been added to the selection list of the "Pending Lab Samples For:" field on the View Pending Lab Samples window.

CONTRACT MAINTENANCE – Review Contract Bill of Materials

- Multiple material records may be selected for deletion by holding the <CTRL> key. After selecting multiple material records, use the Erase button on the toolbar to delete the highlighted rows. If the Delete key is used, the field that is highlighted will be deleted and not the entire row. This is standard window behavior. [SQA 10845 & SQA 12165]

CONTRACT MAINTENANCE – View Work Order Details

- Double clicking on a specific line item in the View Work Order Details window will open the View Line Item Details window, and set the focus on the selected line item. [SQA 11706]

CONTRACT MAINTENANCE – Review Contract Times

- On the Dates and Damages tab on the Review Contract Times window, the label for "Anticipated Completion Date" was changed to "Anticipated Revised Completion Date." This field represents the Completion Date as revised by authorized extensions plus anticipated extensions. This includes Pro Rata time extensions, extensions provided by Article 108-10(B)5, and extensions the Resident Engineer anticipates will be authorized. [SQA 10295]
- A new field called "Estimated Completion Date" was added. This field represents the date the Resident Engineer estimates the work will be completed. [SQA 10295]

CONTRACT ADJUSTMENTS - Review Supplemental Agreements

- On Contracts whose Work Orders have been merged to a single work order, the remaining work order defaults on the Work Order Details tab. [SQA 12107]
- Negative unit prices are no longer permitted on modifications to existing items. [SQA 12092]
- The Contract Adjustment Details Report Selection window defaults to the Supplemental Agreement/Force Account Documentation Report instead of the Negotiated Prices Report. This report window is accessed via the print button on the Review Supplemental Agreement Detail window. [SQA 12126]

CONTRACT TRACKING – General

- Expired materials that were available at the time of the Contract letting date are no longer filtered out on the Review Tickets, Review Pay Records, and Review Material Receipts windows. [SQA 12034]
- A range of Alternate Ids may now be entered on the Samples tab of the Review Ticket Detail, Review Pay Record Detail, and Material Receiving windows for faster retrieval access. [SQA 11527]

CONTRACT TRACKING - Review Pay Records

- When there are multiple work orders on a contract, the Work Order field defaults to All (instead of blank) on the Review Pay Records window. [SQA 11876]
- The Accepted Quantity is no longer updated on the contract materials table when a 'CONV9999' pay record is adjusted. [SQA 12024]

CONTRACT TRACKING - Review Tickets

- If the Approved Producer Supplier field is set to “None” on the MSG window, then the Approved Producer Supplier is not required but the Other Producer Supplier is. [SQA 5826 & SQA 11971]
- HiCAMS defaults the sort order of the records by Ticket Book Number (descending). [SQA 11929]
- The warning message "The ticket number entered is already in use..." no longer appears when updating an existing ticket for which the ticket quantity is distributed among multiple work orders. The duplicate check is on work order number, contract line item number, work order line item participation code, contract modification type code, and contract number. [SQA 12022]
- The Review Ticket Detail, Review Pay Record Detail, and Review Material Receiving windows now only count one unit of the total available represented quantity on a sample when the sample is retrieved using an Alternate Id with a type of either "TAG", "PIECE", or "GIRDER" and linked to the Contract Tracking record. [SQA 11526]

CONTRACT TRACKING - Review Material Prepayments

- The Material Prepayment Line Items tab now defaults the line item information with the contract line item information that was selected on the Material Selection window upon the insert of a new row. [SQA 11836]

CONTRACT TRACKING - Review Pay Factors

- The Work Order field now defaults to "All" when there is more than one work order available on a Contract. As a result, the listing of line item information now displays the Work Order. [SQA 12129]

CONTRACT ESTIMATES - Generate Estimate

- It is no longer possible to enter an estimate 'From' date that is later than the estimate 'Thru' date when the contract does not have an availability date. [SQA 11785]
- Double-clicking on a Material Prepayment on the Generate Estimates Prepayment tab opens up the Review Material Prepayment window for the selected record. [SQA 11717]

CONTRACT ESTIMATES - Review Estimates

- The Current Days Used field will now reset correctly when regenerating a zero day estimate. [SQA 11791]
- Default Retainage displays as 2.00% or 5.00% not 0.05%. [SQA 11768]
- Tabbing out of the Retainage Percent field on the Review Estimates window will no longer cause the system to prompt "Do you want to save changes?" [SQA 11768]
- The system will now reset the Retainage Percent back to 5.00% when an error in the estimate totals caused the percent to be automatically reduced to 2.00%. [SQA 11768]
- The system will refresh the estimate windows when the estimate status is changed due to modifications to associated Tickets, Pay Records or Adjustments, and both the Estimate and Contract Tracking windows are open at the same time. [SQA 11716]
- Performance tuning was done in the Review Estimates window. The retrieval of an estimate is now faster as well as opening the window and scrolling between existing estimates. [SQA 10640]
- The footer in the Estimate Report has been modified to no longer use a sub-report. Instead, text objects have been added to each report. This corrects the problems with printing this report on the HP Desk Jet 970 cxi or the HP 1120c series printers. [SQA 11823]
- Due to a change in policy, HiCAMS will set the contract Retainage to 0% on federally funded contracts that are passed from Design Services to HiCAMS on or after the August letting date (8/15/2000). [SQA 11662]
- The electronic signature of the State Construction Engineer will appear when the Construction Estimate Report, Fiscal Estimate Report, and Contractor Estimate Report are printed from the Print Estimate Report menu item. [SQA 11557]
- Made the following changes to the Estimate Report cover sheet and work order breakdown. [SQA 12103]
 - Changed the "Estimate to Date" label to "Contract Line Items"
 - Changed the "Fuel Adjustment to Date" label to "Fuel Adjustments"
 - Added the field "Total Estimate" which is a total of "Contract Line Items" + "Material Prepayments" + "Fuel Adjustments"
- If there is an Escrow Agent, the escrow agent's name and address will appear on the estimate report. [SQA 11683]

- Changed the computation for the “Total Amount” column on all four Estimate Reports so that the amount of \$0.00 is displayed as black \$0.00, not red or black. [SQA 11977]

STANDARD REPORTS - General

- The NCDOT Seal and the words North Carolina Department of Transportation have replaced HiCAMS on the header of all printed standard reports. In addition, the user's name no longer appears on the report and the date printed no longer displays the time. [SQA 11473]

STANDARD REPORTS - Contract BOM Report

- The CBOM Report now displays the Line Item Unit of Measure. [SQA 11922]

STANDARD REPORTS - Sampling/Contract Tracking Discrepancy

- Significant performance changes have been made to get the response time down from 2 minutes to the 30-35 seconds or less. [SQA 11579]
- Added a new row called "Material UOM" to the report so that it will be obvious that an equivalent material sample was linked. [SQA 12038]
- Put the Ticket/Pay Record/MRR Alternate Id information at the top of the report so that it will be obvious why two of the same samples are showing up on the report. Updated the sort order of each section so that the report will be sorted by sample id, followed by Ticket/Pay Record/MRR information. [SQA 12038]

QUERY TOOLS - General

- Now queries cannot be saved unless the user has UPDATE security for all query tools. [SQA 11034]
- Quality Assurance has been done to make field names more consistent across all queries. [SQA 11710]
- Data exported to Microsoft Excel can now be used in statistical manipulations without additional formatting changes by the user. [SQA 12151]

QUERY TOOLS - Samples

- Query was modified to improve performance when the Display Columns include Sample ID, Sample Status, Submitted To, and the criteria column utilizes a condition such as Sample ID (<500). [SQA 10004]

REFERENCES - - Average Terminal Prices

- The Average Terminal Price defaults to the first of the month. Should there be a policy change requiring that data be entered for any additional date, the date field may be updated with the desired date. [SQA 11484]

REFERENCES - Master Bill of Materials

- The "Supplemental Description" heading used throughout the Master Bill of Material Report is no longer cut off on the hard copy of the report. [SQA 11672]

REFERENCES – Test Formats

- A new button has been added on the Test Format Maintenance window. Users can select a format they want from the database and click on this button. That format (.xls file) will be saved in c:\testformats folder on their hard drive. [SQA 12185]

ADMIN - Security

- While expiring a user, the system checks for the person's assignment as an M&T Contract Specialist, Section Material Specialist, Concrete Technician and Independent Assurance Inspector in addition to checking if the user is assigned to any Contracts. [SQA 12058]

TOOLS – Notifications

- Improved performance on the Notifications window when utilizing the “Go To” functionality for opening the Estimate window . [SQA 11849]

DOH VENDOR V2.5

- Added functionality to ensure that there is exactly one address with an address type of "Address of Record" for each prime contractor (i.e. pre-qualified or renewed vendor). [SQA 11831]
- In the Enrollment-Certifications window, the certification defaults to the current course selected. [SQA 1391]
- The Grant Certifications window defaults to the school you are working in. Certifications now may have classes associated with them. Only certifications pertaining to the class being worked on will appear in the list, with the first in the list being defaulted. There is one scenario where there are 2 certifications granted for a single course (see MAT 400 - QA/QC Sampling and Test). If the certification has no courses associated with it, the full list of certifications is retrieved in the Grant Certification window. [SQA 1393]
- The Print Certification window defaults the cert being worked on if accessed from the Grant Certification window (via Enrollment window). If the certificate is printed from the Technician window, the cert selected is the one defaulted. The exception to all of this is if the internal flag is checked at the course level the certification will not be defaulted, as printed certificates are not required. [SQA 1395]
- Expiration hierarchy has been implemented for Producer/Supplier. If the Producer/Supplier is expired, Facilities and Facility Types are expired. To unexpire, reset the expiration date to the future at the Producer/Supplier level and all Facilities and Facility Types become Active again. If a Producer/Supplier or Facility is expired by a user and the system automatically expires additional items in the chain, the expiration dates of the automatically expired records are set to the same expiration date as the item expired by the user. [SQA 1434 & 11713]
- It is no longer possible to enter an expiration date on the Producer/Suppliers window that occurs after that of the Producer Supplier. Likewise, a Facility Type expiration date that occurs after that of its related facility may not be entered. [SQA 1432]

- A comment must be entered whenever a Facility Type's active status is revoked. [SQA 1431]
- Expired the following statuses: Pending, Failed, and Inactive. The valid selections that remain are: Active, Revoked, and Expired. Choosing a status of Expired or Revoked will set the expiration date to the current date. To reactivate the facility type, simply reset the expiration date in to the future. [SQA 1435 & 1433]
- Removed the 'Approved' checkbox on the Facility Type response window for Producer/Supplier. [SQA 1430]
- In DOH Vendor Queries, if a field has limited valid choices such as Yes or No, these are included in the selection box in Query, Search Criteria box. [SQA 1400]
- Security Objects in DOH Vendor default to Active staff with the option to view "Expired" or "All" staff [SQA 1446]
- Query Tools for the Coarse Aggregate and Fine Aggregate views have been corrected to only return data corresponding to those Facility types.