

NMMSS news

PUBLISHED PERIODICALLY BY & FOR NMMSS USERS

NOVEMBER 2006

2007 NMMSS Users Annual Training Meeting

The 2007 NMMSS Users Annual Training Meeting will be held May 22-24, 2007 at the Westin Peachtree Plaza in downtown Atlanta, Georgia. Planning for the meeting has started. In order to make the meeting as productive as possible, we need your input regarding the topics to be covered in papers and open discussions. Please take a moment and provide your valuable views to us.

In addition, we are looking for volunteers to present papers and to participate in roundtable discussions. Getting more users involved will make for a more interesting and useful meeting. Please forward your input to Dan Collier at 678-328-1120 or dcollier@nacintl.com.

Upcoming NMMSS I Training Course for DOE

The NMMSS I (MCA-112) training course has been scheduled at the Department of Energy's National Training Center (NTC) in Albuquerque, New Mexico for January 29 – February 1, 2007. This course is designed to help personnel who have fewer than two years experience in materials accountancy.

Prerequisites for the class are successful completion of two computer-based training courses: Introduction to Nuclear Materials Control and Accountability (MCA-101DC) and Transaction Data Systems (MCA-103DC).

There are no training fees for DOE facility/office personnel or DOE contractors. Other persons must pay a training fee.

Go to the NTC website, ntc.doe.gov, to learn more about the course, obtain copies of the course

prerequisites and to register for the course.

Upcoming NMMSS Training Course for NRC Licensees

The licensee training course is tentatively scheduled for April 2007 in Atlanta, Georgia. The exact dates are yet to be determined. The course will include the following topics, among others:

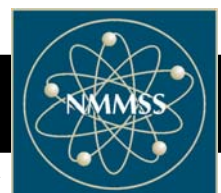
- ◆ Completion of data input forms: transaction, material balance, inventory, and concise notes
- ◆ Demonstration of the use of SAMS in creating electronic data submissions
- ◆ Options for sending data to NMMSS electronically

The desired class size is 20 or less. You may register for the class and obtain a course syllabus by contacting Ron Bonifay at 678-328-1116 or by email at rbonifay@nacintl.com. Be sure to include your name, job title, facility name, address, telephone number, and email address. Note, there is no cost to attend this course.

SAMS Training Seminar Scheduled for February 2007

The Safeguards Management Software (SAMS) training has been scheduled for February 20-21, 2007. The class will be a two-day hands-on computer-based course, and will be limited to 15 participants. Plans are to conduct the training in Atlanta, Georgia.

SAMS is a facility-based version of the Nuclear Materials Management & Safeguards System (NMMSS) software, managed by NAC International, for the U.S. Department of Energy (DOE) and the U.S. Nuclear Regulatory Commission (NRC). The SAMS software package provides the NMMSS user the ability to input data and perform edit checks at



their facility for transactions, material balance reports, and inventories. The functionality of the system is similar to the NMMSS, enabling the user to resolve problems and make corrections prior to sending the data to NMMSS. The data can be exported to a text file to send to NMMSS via electronic media, direct link, encrypted email, or DOE's Secure Information Management Exchange (SIMEX).

The free training seminar offered by NAC International will be of interest to those currently using SAMS, small facilities with few transaction activities, and larger facilities planning to automate their system and integrate SAMS. This seminar will cover versions of SAMS currently being used to report to NMMSS. In early 2008, a training session will be offered covering the use of the SAMS version to be used once the NMMSS Upgrade is implemented.

If you are interested in attending the seminar for the current SAMS, please contact Ron Bonifay at rbonifay@nacintl.com.

SAMS Upgrade Meeting Held in Pittsburgh

The Safeguards Management Software (SAMS) is a software package provided to NMMSS data submitters that assists in reporting and the reduction in submitter errors. SAMS is being redeveloped as part of the NMMSS upgrade project. On October 17 and 18, NMMSS arranged a meeting for the users of SAMS to hear about the plans for the development of the Upgrade version of SAMS. The topics included a review of the very different interface and a discussion of the functionality and timing of SAMS availability. The users provide substantial feedback and made suggestions for additional functionality that would improve the usefulness of the product. Twenty-two people attended from DOE, NRC, WSRC, Westinghouse-Columbia, Standish Technologies, Nevada Test Site, Isotek, USEC, Pantex, Naval Reactors Facility, Idaho

National Laboratory, and Pennsylvania State University.

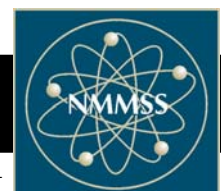
Presentations from the SAMS Upgrade Planning Meeting are now available at www.NMMSS.com. Simply click on the link "Presentations" listed on the left-hand side of the web page to download the presentations in PDF format. You will need Adobe Reader software to view the presentations. If you need any assistance obtaining the presentations, please contact Jessica Norles at 678-328-1130 or jnorles@nacintl.com.

If you are a SAMS user and were unable to attend the Pittsburgh meeting, your input is still needed. One outcome of the meeting is the establishment of a SAMS Users Group. Stay tuned for more information. Current plans are to institute this group at the NMMSS Users Annual Training Meeting in May 2007.

Upcoming Availability of SAMS 5.0

Safeguards Management Software (SAMS) 5.0 is currently being tested at NAC and will be available at the end of December. The release includes the project number changes now in place. The 5.0 release also includes the following fixes and additions:

- ◆ Problem related to truncated values on the 741 form printout fixed
- ◆ Ability to print a simulated 749 form (Project Transfer)
- ◆ Ability to print a simulated 740M form (Concise Note)
- ◆ Ability to refresh the transaction, inventory or material balance list in the SAMS 741, 742 and 742c Report Form screens
- ◆ Placement of the action date for a 'B' transaction on a 741 form
- ◆ Update of the User's Manual of SAMS to include instruction for the SAMS 741, 742 and 742c Report Form software



- ◆ Patch for the "I/O Operation" error
- ◆ Problem related to exporting duplicate inventory lines has been fixed
- ◆ Problem related to exporting a transaction with a weight percent isotope value of 100% has been fixed

If you are a current SAMS user you will be receiving Version 5.0 on CD automatically via mail. If you are not a SAMS user and would like to be added to distribution, please contact Shirley William (678-328-1206 or swilliams@nacintl.com). SAMS is provided free of charge.

Establishing or Deactivating a RIS for NMMSS Reporting

DOE RIS

In order for a new DOE RIS to be established in the NMMSS, the requesting organization must contact their field element or site office. The field office will provide the required information to DOE Headquarters, Office of Information Management, (HS-1.22). HS-1.22 will instruct the NMMSS operator to assign the new RIS. The deactivation of the DOE RIS occurs when a facility's authorization to store/handle nuclear materials inventory is withdrawn. Before deactivation all inventory must be removed to a balance of zero. Notification of deactivation is sent from the field element or site office to HS-1.22. HS-1.22 will instruct the NMMSS operator to deactivate the RIS. For additional guidance on establishing a new DOE RIS, please contact Tina Barnett at tbarnett@nacintl.com or 678-328-1126.

NRC RIS

In order for a new NRC or Agreement State Licensee RIS to be established by NMMSS, the requesting organization must contact Brian Horn at NRC Headquarters (301-415-8128) who in turn will instruct NMMSS to assign the new RIS. Before deactivation, all inventories must be removed to a

balance of zero. Prior to deactivation, the NRC will request confirmation from NMMSS that the nuclear material balance is zero, and will subsequently instruct NMMSS to deactivate the RIS. For additional guidance on establishing a new NRC RIS, contact Ron Bonifay at rbonifay@nacintl.com or 678-328-1116.

Availability of D-2, D-3, & D-15 Version 1.3 2006

Version 1.3 2006 of the D-2 (Contractor Directory), D-3 (Licensee Directory) and D-15 (International Directory) is now available upon request. The D-2 and D-3 have been reformatted for ease of use and readability. The directories also include email addresses where available. Contact Shirley Williams (678-328-1206, swilliams@nacintl.com) today for the latest copy of the D-2, D-3, and D-15.

DOE/NRC Forms for NMMSS Reporting Reissued

Two of the DOE/NRC forms used for NMMSS reporting (742 and 742C) were recently reissued to reflect new expiration dates. The current forms to be used by DOE and NRC for NMMSS reporting are located on the NMMSS website. The forms can also be accessed on the NRC website via the following links:

[Nuclear Material Transaction Report \(741\)](#)

[Concise Note \(740M\)](#)

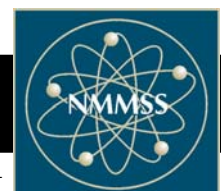
[Material Balance Report \(742\)](#)

[Physical Inventory Listing \(742C\)](#)

Edit Check Changes Coming January 2007

Starting in processing month January 2007, the following edits will be enforced:

- ◆ Asterisk quantity value will no longer be converted to zero (0) upon import into the NMMSS. It will be imported as an asterisk quantity and counted as an error on transaction, inventory, and material



balance records.

- ◆ DOE will no longer be restricted to composition codes in their inventory profile when reporting inventory data. DOE sites will be allowed to use composition codes available to DOE sites and DOE site types. For example, DOE sites are restricted to composition codes below 899 except for specified DOE sites types.
- ◆ Transactions, Inventory, or Material Balance data involving material type 47 will be flagged as an error. Material Type 47 is no longer a reportable material type.

NMMSS Generated Reports will be distributed in Adobe PDF format. You will no longer get the DOS flat file version of a report unless it is a data file or with special permission from DOE or NRC.

NMMSS Outreach

Outreach to our users who submit data to the NMMSS is one of our most important responsibilities. Although the NMMSS presents an annual users training meeting, individualized assistance is also available from the DOE NMMSS sponsor and NMMSS staff. By working with our user sites in their own environment, our dedicated team can discuss issues, share knowledge and experiences, and help resolve data problems. To request assistance from DOE Headquarters, please contact Peter Dessauls on 301-903-4525 or at pete.dessaules@hq.doe.gov. If you would like assistance from the NMMSS staff, please contact Dan Collier on 678-328-1120 or at dcollier@nacintl.com.

Meet the NMMSS Staff

This month's featured staff member is Tony Escobedo. Mr. Escobedo is the Facility Security Officer for NMMSS. His primary responsibilities include personnel, physical and cyber security. Tony has been with NMMSS since 2001. You can contact Tony at tescobedo@nacintl.com or 678-328-1147.

Questions?

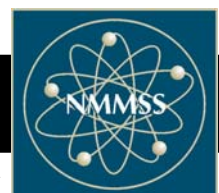
Do you have NMMSS related questions that you would like to see addressed in a future NMMSS News? If so, please forward them to Tina Barnett at 678-328-1126 or by email at tbarnett@nacintl.com.

Current Obligation Codes

Transaction Code	MB Code	Description
31	85	Australia
32	86	Canada
33	87	Euratom*
34	88	Japan
35	89	Peoples' Republic of China
37	TBD	Switzerland
38	A1	Argentina
39	A2	Brazil
40	A3	Chile
81	94	Australia/Japan
82	95	Canada/Japan
83	96	Euratom/Japan
84	97	Australia/Euratom/Japan
85	98	Canada/Euratom/Japan
86	99	China/Japan
87	I1	Australia/Canada
88	I2	Australia/Euratom/Canada
91	91	Australia/Euratom
92	92	Canada/Euratom
WR	93	Former Soviet Union Weapons

* Euratom is comprised of the following 25 member states: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Hungary, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, and the United Kingdom.

Please contact Michelle Romano at 678-328-1112 or mromano@nacintl.com if you have any questions about this list of foreign obligations codes. If you



need to establish a new code, please inform the appropriate contact. For NRC licensees, the contact is Brian Horn, 301-415-8128 or bgh1@nrc.gov. For DOE contractors, the contact is Peter Dessaulles, 301-903-4525 or pete.dessaules@hq.doe.gov.

Transaction and Inventory Due Dates For DOE Sites

Please note NMMSS transaction and inventory due dates for DOE sites are as follows.

Reporting Month	Transactions Due	Inventory Due
November 2006	December 12	December 15
December 2006	January 11	January 16
January 2007	February 9	February 15
February 2007	March 12	March 15
March 2007	April 11	April 16

Calendar of Events

Dates	Events
January 29-February 1, 2007	DOE NMMSS I Training Course, Albuquerque
February 20-21, 2007	SAMS Training Seminar, Atlanta
April 2007	NRC NMMSS Training Course, Atlanta
May 22-24, 2007	2007 NMMSS Users Annual Training Meeting, Atlanta

2006 NMMSS Holiday Schedule

NMMSS Closed	Occasion
December 25	Christmas

2007 NMMSS Holiday Schedule

NMMSS Closed	Occasion
January 1	New Year's Day
January 15	Martin Luther King's Birthday
February 19	President's Day
May 28	Memorial Day
July 4	Independence Day
September 3	Labor Day
November 22-23	Thanksgiving
December 24-25	Christmas

The NMMSS News is published at the direction of the Department of Energy (DOE) and Nuclear Regulatory Commission (NRC). General comments on the publication can be made to Dan Collier of NAC (dcollier@nacintl.com, 678-328-1120), Peter Dessaulles of DOE (Pete.Dessaules@hq.doe.gov, 301-903-4525), or Brian Horn of NRC (BGH1@nrc.gov, 301-415-8128).

