Getting the Most From Your Hazardous Material Management System

2011 E2S2 Conference
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### Getting the Most From Your Hazardous Material Management System

**1. REPORT DATE**
MAY 2011

**2. REPORT TYPE**

**3. DATES COVERED**
00-00-2011 to 00-00-2011

**4. TITLE AND SUBTITLE**
Getting the Most From Your Hazardous Material Management System

**5a. CONTRACT NUMBER**

**5b. GRANT NUMBER**

**5c. PROGRAM ELEMENT NUMBER**

**5d. PROJECT NUMBER**

**5e. TASK NUMBER**

**5f. WORK UNIT NUMBER**

**6. AUTHOR(S)**

**7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)**
Tobyhanna Army Depot, 11 Hap Arnold Boulevard, Tobyhanna, PA, 18466

**8. PERFORMING ORGANIZATION REPORT NUMBER**

**9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)**

**10. SPONSOR/MONITOR’S ACRONYM(S)**

**11. SPONSOR/MONITOR’S REPORT NUMBER(S)**

**12. DISTRIBUTION/AVAILABILITY STATEMENT**
Approved for public release; distribution unlimited

**13. SUPPLEMENTARY NOTES**
Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 9-12 May 2011 in New Orleans, LA.

**14. ABSTRACT**

**15. SUBJECT TERMS**

**16. SECURITY CLASSIFICATION OF:**

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**17. LIMITATION OF ABSTRACT**
Same as Report (SAR)

**18. NUMBER OF PAGES**
15

**19a. NAME OF RESPONSIBLE PERSON**

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*Standard Form 298 (Rev. 8-98)*
Prescribed by ANSI Std Z39-18
About HMMS

Cradle-to-Grave Environmental Information Management Solution

Inventory can be pre-authorized before it is ordered, allowing you to select less costly or safer alternatives. You have total visibility and control of what comes onto your facility.

By labeling and barcoding inventory, you know what you have, where it is located, who is using it, and on what equipment it’s being used. This allows you to track costs, reduce shrinkage, and take advantage of bulk purchases.

Bulk quantities can be broken into job-specific quantities. This reduces spillage, contamination, and employee exposure. Material not completely used can be returned for reissue.

Waste is tracked from generation through disposal. Automated manifests ensure accuracy, resulting in significantly reduced disposal costs. Comprehensive, Worldwide waste tracking and reporting is now a reality.

EPA, OSHA, EPCRA, RCRA and site-specific reports are as simple as one click of the mouse. Without HMMS these reports can cost you tens of thousands of dollars each to prepare.

PRE-ACQUISITION

LABEL & BARCODE

ISSUE & REUSE

WASTE

REPORTING
History of HMMS in the Army

• 1992 Joint Logistics System Center selected a text-based system used at Hill AFB for development
  • Developed to support DoD maintenance depots
  • Most stringent environmental requirements
  • Deployed to all Army depots by 1996

• 1997 Program Management Responsibility Transferred to OO-ALC at Hill AFB

• 1998 Client-server version 3.0 released

• 2004 HMMS moved to a web-based platform (version 4.0)

• 2006 HMMS selected as Army standard

• 2007 Central model was set up and deployment to sites begun
Central Model

MSDS Repository

Central Servers

Schofield Barracks

Web server

Fort Campbell

Bluegrass Army Depot

Fort Drum

Stuttgart

Korea

Fort Knox

Fort Hood
Army HMMS Users

4 - Legacy Stand Alone Servers
37 - Army Model (Central Server = Hill AFB, Utah)
Army HMMS Users

PACIFIC
6 Installations

6 Installations

KOREA
4 Installations

USAG RED CLOUD

USAG YONGSAN

USAG HUMPHREYS

USAG DAEGU

6 Installations

4 Installations
Army Central Model

• Advantages
  o Reduced overhead (server replacement/maintenance)
    o HMMS Software centrally hosted (vice 40 servers at 40 sites)
    o Site databases centrally hosted (one database administrator)
  o Standardized version/upgrading
  o Standard training
  o Standard business practices
  o Inter-site sharing of materials
    o Every site can obtain the information for material obtained from
      another site (transferred with the material using HMMS)
  o Shared MSDS repository (vice 40 repositories)
    o MSDS data entry service
    o Standard, quality controlled MSDS data/images
  o Central report-writing service
  o All transactions are web-based
Training Resources

HMMS Training URLs

• 4 Training URLs currently set aside for centrally hosted sites
  • AR0TRAIN replicates the central MSDS repository
  • AR1TRAIN thru AR3TRAIN can be configured with any site database
• URLs can be used for training, beta testing, etc.

John Williams, HMMS PMO, schedules training URLs
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Please allow ample lead time to reconfigure URLs
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Questions/Additional Discussion
Back-up Slides
# Army Breakout Session

## Army HMMS Users

### CONUS
- Bluegrass Army Depot
- FT Huachuca
- FT Bliss
- FT Campbell
- FT Leavenworth
- Red River Army Depot
- Walter Reed AMC
- FT Detrick
- Pine Bluff Arsenal
- FT Bragg
- FT A.P. Hill
- FT Knox
- FT Lee
- FT Benning
- Detroit Arsenal
- FT Drum

### Army HMMS Users
- FT Stewart
- FT Gordon
- West Point
- Picatinny Arsenal
- FT Hamilton
- FT Carson
- FT Jackson
- Yuma Proving Ground
- Rock Island Arsenal
- FT Riley
- FT Leonard Wood
- FT Lewis
- White Sands
- FT Irwin
- Tooele Army Depot
- WRAIR/NMRC

### Stand alone
- Tobyhanna AD
- Anniston AD
- Letterkenny AD
- Corpus Christi AD
# Army Breakout Session

## Army HMMS Users

**EUROPE**
- Ansbach
- Bamberg
- Baumholder
- Chievres/Brussels
- Grafenwoehr
- Heidelberg
- Hohenfels
- Kaiserslautern
- Kosovo
- Livorno
- Mannheim
- Schinnen
- Schweinfurt
- Stuttgart
- Vicenza
- Vilseck
- Wiesbaden

**PACIFIC**
- Camp Zama
- FT Greely
- FT Shafter
- FT Wainwright
- Okinawa
- Schofield Barracks

**KOREA**
Local vs Central Data Elements

Current local fields:
- Threshold Planning QTY1
- Threshold Planning QTY2
- State Usage Limit
- Local Usage Limit
- Chemical Information Child Records
- Group Code
- ARC1
- ARC2
- ARC3
- ARC4
- CTS
- Hazard Category 1
- Hazard Category 2
- Haz Code
- PPE Code
- Disposal Code
- Permit Constraint Type
- Storage Type Code
- Restricted Indicator
- Exemption Code

Proposed changes:
- Exempt (centrally entered; locally edited)
- Reportable Qty (same)
- VOC Reactivity Code (same)
- All 4 VOC Fields (same)
- HAP Fields (same)
- Active Indicator (new local field)
- MSDS Comments (same)
- Price (locally entered/editable)
- Container quantity (same)
- Vendor child record (same)
- Other Ingredients Child Record (allow central edits)
- Synonyms (same)