



MDA Director's Newsletter
January 2007

MDA MAGAZINE - The edition of *Proceedings of the Maritime Safety and Security Council*, dedicated to Maritime Domain Awareness can be found at:
<http://www.uscg.mil/proceedings/> - select "Archives", then "2006" and "Fall". This provides a good overview of many MDA-related projects and programs.

NAIS Update

Nationwide AIS project achieved Increment 1 initial operating capability (IOC) and received Department of Homeland Security (DHS) approval to move into full production. This will establish receiver sites at the top 55 critical ports and in 9 coastal areas. The 3 IOC sites installed at CG STA ANNAPOLIS, CG STA CRISFIELD, and NDS SITE NORTH EAST, MD were tested and are successfully transferring data to OSC for storage and dissemination to MISLE, MAGNet, and the common operational picture (COP) for display. **The Nationwide AIS project is on schedule to begin the second wave of surveys (including portions of D5, D7, D8, D11 & D13) in February and the final wave (D1/D9) in April. Receiver installations will commence in March and continue through August with approximately 90 sites installed.** Contact LT Jamie Rickerson or Ms. Alice McClendon on the CG-52 staff for more info.

Exercise and Assessments

The CG-523 assessment team has been involved in planning sessions for a number of DoD and industry exercises and wargames which will occur in the 2nd and 3rd quarters of FY 2007. SIMEX 07-1, UNIFIED QUEST/Global Cell, TRIDENT WARRIOR, and CWID 2007 will all have MDA-related scenarios and Coast Guard involvement. (Mr. Hank Blaney, lead).

MDA IT CONOPS WG

The National MDA CONOPS has been forwarded to the MSPCC. We expect the MSPCC to submit to the departments for department-level comments.

The CONOPS was forwarded with a memorandum outlining three areas options to consider for National MDA Governance. No consensus was reached on this issue. (CAPT Vance, lead)

National MDA IT Requirements and Capabilities WG

The R&C WG, co-led by Mr. Gary Seffel of CG-523, has completed two of the four products necessary to develop the Interagency Investment Strategy (IAIS) due April 1 to the Maritime Security Policy Coordinating Committee (MSPCC). These two products are the Interagency Requirements Analysis (IARA - or what we want) and the Interagency Needs Analysis (IANA - or what we have). The third product near completion is the Interagency Capabilities Document (IACD). In this product the gaps in providing MDA are analyzed, identified and prioritized. This document will provide the recommended department(s) at the federal level for filling these gaps at a strategic level. This work group is currently on schedule for delivery of the IAIS by 1 April.

MDA Requirements

Requirements development is working to capture all USCG MDA requirements. The finished set will define the USCG MDA operational state, providing a basis for gap analysis and investment planning. Currently approximately 2200 proposed requirements have been captured from USCG documents, command guidance, stakeholder comments and user input. The annual review of stakeholder/user needs is in progress; conducted recent visits to LANTAREA and PACAREA to solicit input. A draft document focused on USCG Headquarters level requirements will be produced in 2nd QTR FY 07. (Mr. Doug Jackson, lead)

LANT/PAC AREA priorities for US Coast Guard Maritime Domain Awareness are that the USCG must have the capability to Detect/Classify/Identify/Track:

- 1. All blue force vessels and aircraft**
- 2. Any vessel or aircraft signaling distress** using all selected VHF-FM, 121.5, 243Mhz, Distress channels, etc. under all conditions, to provide a line of bearing to the target with a 2-3 degree of accuracy
- 3. All vessels (any hull construction) > 20ft in a tiered port or transiting through tiered port waterways out to 24 NM in all conditions.**
- 4. All vessels > 100 GT en route the US, & all US flag vessels > 100 GT any where in the world,.**
- 5. All vessels, cargo, crew, and passengers identified as threats to HLS, HLD, or our allies.** Information must be provided at least 6 hours prior to arrival and in all conditions. When targets are within 6 hours of arrival, information must be updated continuously.

Secure Border Initiative (SBI) Update (Mr. John Bennett, lead)

SBI is the DHS program to improve homeland security by:

- (1) Gaining effective control of our borders
- (2) Improving interior enforcement
- (3) Establishing a Temporary Worker program.

The Secure Borders Strategic Plan lists several Coast Guard initiatives (Deepwater, R21, NAIS, Response Boat- Medium, Command 2010) as having components essential to gaining control of our borders.

SBI net

SBI net is a project under contract to Boeing designed to employ the right mix of personnel, technology, infrastructure, and response capabilities to gain effective control of the maritime and land borders. It is currently focusing on the Southwest land border. The USCG (CG-52, CG-3RCC) is coordinating with the SBI net staff to ensure connectivity and interoperability of legacy and future USCG systems with SBI net systems.

Secure Border Coordination Council (SBCC) Update

On September 16, 2006 DHS Deputy Secretary Jackson established the Secure Border Coordination Council replacing the SBI PEO. The SBCC will serve as the interagency forum to integrate, coordinate, develop initiatives, and improve effectiveness and efficiencies related to border security and immigration issues throughout DHS. They will also advise the Secretary and serve as the decision making body within DHS with for border security and immigration issues. SBCC members include Deputy Secretary Jackson, Executive Director Gregory Giddens, Undersecretary for Policy Stewart Baker, Assistant Secretary for ICE Julie Myers, CBP Commissioner Ralph Basham, USCG Commandant Admiral Allen or his designate RDML Nimmich, CIS Director Emilio Gonzalez, and Chief Intelligence Officer Charles Allen.

Command 2010

Command 2010 has an approved Mission Needs Statement and was approved by the Joint Requirements Council. The last step in the major system acquisition process is approval by the DHS Investment Review Board (IRB) and approval by the DEP SEC (S-2) to proceed to key decision point #1.

The project is currently in the Capital Investment Plan for FY-09 for a total amount of \$260M. If funded, this would equip up to 24 sector command centers with sense, understand and share capabilities.

CG-52 remains actively engaged in capability development and deployment outside of Command 2010. Development efforts include:

Stand up of Sector Command Center Joint (SCC-J) capacities with the US Navy in San Diego, Hampton Roads, Seattle and Jacksonville. A ribbon cutting ceremony for Jacksonville, which the COMDT will officiate, is scheduled for 15 February.

CG-52, CG-37RCC, CG-3RPR, R&D Center and DHS S&T Research continue development efforts evaluating sensor, information management, visualization and other technologies. These efforts are focused on enhancing sector command center operations.

CG-52 continues to engage the Secure Border Initiative Staff to ensure alignment with SBI Net efforts. (CDR Cary Porter, lead)