

MDA Director's Newsletter
November 2006

The Fall Edition of *Proceedings of the Maritime Safety and Security Council*, dedicated to Maritime Domain Awareness has been published, and can be found electronically at <http://www.uscg.mil/proceedings/>

The MDA Pelorus has been approved and distributed. Please find a copy attached.



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NAIS Update

Increment 1 has begun with fast deployment of receive only AIS capability; Two of the three IOC sites have been completed and the installation for the third site will commence on 4 Dec 2006 and is expected to be completed by 8 Dec 2006.

Activities for Increment 2 have begun; the Performance Specification (PSPEC) and Statement of Work (SOW) are under review within the relevant CGHQ program offices. G-AIS is working to release a "draft" RFP to industry by the end of Dec 2006.

ORBCOMM AIS Satellite- the Recovery Plan to launch AIS satellite capability has been received from ORBCOMM and is currently under review by G-AIS and the KO. The new timeframe for the satellite launch has been set for Apr 2007 to Jun 2007.

NAIS Vessel Tracking Function

CG-385 (formerly G-PRI) and OSC Martinsburg updated the MISLE GIS, as well as the Enterprise GIS application available in the Resources-Applications-Enterprise GIS section of CGCentral, by providing the ability to display near real-time vessel positions and track lines received from NAIS. This function includes an extensive capability to filter the NAIS track data, including pre-defined filters for type of vessel, status of vessel lookouts entered in MISLE (e.g. Current, expired), vessels carrying dangerous cargos, vessels with current operational controls, and Port State Control safety targeting scores. Historical vessel positions and track lines can be plotted, and user-defined geographic areas can be searched to identify all vessels that transited a specific area during a designated period of time. This also includes the ability to quickly display MISLE vessel details, CG activity history, and vessel arrival information.



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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.

MDA IT CONOPS

There were three remaining issues to be addressed and/or clarified in the CONOPS. A revised document will be posted to the portal for 5 working days for review before forwarding to the MSPCC:

1. Parsing the Domain –The consensus of the MDA-IT was to expand the language in the main body of the document to better define and describe this important issue.
2. Enterprise Hubs – ONI and GMII will provide assistance in better describing Hub functions.
3. Governance – There was no consensus reached on this issue. The MDA IT agreed to forward the CONOPS to the MSPCC as per the draft. A cover letter accompanying the CONOPS will outline the opposing views.

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.

Improve MDA and Optimize CG Resources

District 13 has developed an innovative approach to increasing MDA and improving resource utilization through a Citizens Action Network (CAN).

The program consists of a geographically dispersed group of citizen volunteers who are strategically located along waterways and beaches and able to observe what is happening on their waterways at a moments notice. D13 maintains a list of the volunteers, and their GIS coordinates, in the C2PC system. By maintaining this database in their system, D13 can identify a CAN participant in an area of interest and contact them immediately (via person to person or automated means for a broad notification such as a stolen vessel report) for assistance in confirming information or observing events or environments. Each CAN member also receives alerts, bulletins or news from the Coast Guard or its many partners on a routine

basis. Each CAN member is also introduced to America's Waterway Watch fundamentals in case they need to report suspicious activities.

CAN has allowed D13 to more effectively dispatch vessels and aircraft to investigate reports, support myriad cases and initiate other actions by using the CAN participant's capability to observe what's happening on the water in their local area. This type of program saves considerable resources and significantly improves MDA at very little cost.

The Royal Canadian Mounted Police officially partnered up with CAN in 2006 and now oversees approximately 70 waterfront citizen members just across the international border, giving CAN an international view through a combined membership of over 300 CAN participants. The program also allows CG and partner agencies to focus more on prevention and protection activities by limiting resource-intensive verification efforts for incidents on the waterways. CAN was recognized in May 2006 as the Secretary's Award for Excellence recipient for its "meritorious innovation in implementing a citizen network allowing for substantial maritime security improvements." For further information contact LCDR Michael Billeaudeau at D13 at (206) 220-7223.

SBI Update

The Coast Guard has been an active participant in the on-going DHS Secure Border Initiative (SBI) designed to employ the right mix of personnel, technology, infrastructure, and response capabilities to gain effective control of the land and maritime borders. This effort has included extensive input into the development of a Deterrence Model being developed by MITRE to model the effects illegal immigration; input into the Secure Border Strategic Plan, which was recently sent to the Hill, that details current and future CG programs that support SBI; and the provision of data highlighting the Coast Guard's illegal immigration efforts along all coasts that are prepared as part of the Rove Metrics package that is sent to the White House.

Secure Border Coordination Council

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. 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. The SBCC replaced the SBI PEO. The SBCC will advise the Secretary and serve as the decision making body within DHS with for border security and immigration issues.

Command 2010

Command 2010 has an approved Mission Needs Statement and was approved by the Joint Requirements Counsel. 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 Feb.

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.