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SITREP: The Maritime Defense and Security Research Newsletter, 2

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**SITREP: The NPS Maritime Defense and
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(September 2004)**

Monterey, California. Naval Postgraduate School

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SITREP

September 2004

“To dissuade and defeat threats
as early and as far from U.S. borders as possible.”

Volume 8

NPS and the MDP Task Force Host Inaugural Maritime Domain Protection Symposium

The Naval Postgraduate School and the Maritime Domain Protection Task Force (MDP-TF) recently hosted a two day Symposium on Maritime Domain Protection.

Held August 18-19, 2004, at NPS in Monterey, the Symposium brought together over 50 commands, departments, agencies, local law enforcement, and academic institutions involved in maritime security. During the two day event, numerous briefs were delivered on Maritime Domain Protection, the status of MDP Task Force research projects and related efforts, providing a unique opportunity for members of the MDP community to learn about ongoing projects and share ideas.



Mr. Tracey Gray

“This kind of event allows us to take a comprehensive look at where we are in MDP. We can identify duplicated efforts, assess progress, and determine where to go in the months and years to come,” stated CAPT Jeff Kline, USN, MDP Task Force leader and coordinator of the Symposium.

Participants cited the many networking opportunities and the chance to establish new working relationships as one of the most valuable aspects of the Symposium.

The event kicked off with a brief presented by Mr. Tracey Gray of the Office of the Assistant Secretary of Defense for Homeland Defense, an “Update on DoD-DHS Effort in Establishing a National MDA Effort and Executive Branch Establishment of a Maritime Security Working Group.”

Members of the Maritime Domain Protection Task Force followed

with updates of their various research projects.

The Symposium continued with a brief on “Modeling in the Cognitive Dimension with Software Agents,” presented by Mr. John Hiles, of the NPS Modeling, Virtual Environments, and Simulation Institute. Dr. Matthew Carlyle, of the NPS Department of Operations Research, briefed “Attacker-Defender Modeling with a Focus on Critical Infrastructure.”

LCDR Brian S. James, USN, presented the PACOM viewpoint in his brief on “PACOM's Joint Interagency Coordination Group for Combating Terrorism” and the “CNO-Strategic Studies Group XXIII/Homeland Protection Concept Generation Team” was represented by LT Tim Fox of NPS.

One of the more unique elements of this Symposium was the MDP Forum, in which in which visiting commands and participants were invited to present briefs relevant to Maritime Domain Protection. The response to this invitation was very strong, with numerous briefs presented on a wide range of MDP topics (see box for details).

For further details on the MDP Symposium or to request copies of briefs presented or the MDP Task Force Research Update, please e-mail Ms. Ann Wells at abwells@nps.edu.



Threat & Vulnerability Assessment Panel

Briefs Presented During the MDP Forum

- *MDA Vision Brief and Airships for Maritime Surveillance/National AIS Implementation/AIS via Satellite*, Mr. Guy Thomas, HQ USCG
- *Using a Risk Management Perspective in Assessing and Prioritizing Port Security Threats*, Ms. Carolyn Carroll, Stat Tech, Inc.
- *Existing Technologies in Use for Wide Area Maritime Satellite Surveillance, Including Inmarsat-C, D+, Argos, Orbcomm and Radarsat and Their Role in MDA*, Mr. Jeffery Douglas, Absolute Software Inc.
- *Maritime Homeland Security Operational Planning System (M-HSOPS)*, Mr. Larry Salter, Concurrent Technologies Corporation
- *Brief Description of the ICC Efforts to Screen Vessels, Crew to Identify Vessels of Interest Arriving U.S. Ports and Discussion of the Road Ahead*, Mr. James H. Prondzinski, U.S. Coast Guard Intelligence Coordination Center
- *Interagency Interdisciplinary Collaborative System Development*, Mr. Chris Latimer, JHU Applied Physics Laboratory
- *Need for Review and Update of Roles and Missions of Navy and Coast Guard with Regard to Homeland Security/Defense. History of Posse Comitatus ACT*, VADM Tom Hughes USN (Ret.), Naval Postgraduate School
- *APL Engineering Processes: Developing and Assessing Operational Systems and CONOPS Through Needs/Vulnerability Assessments, Technology Surveys and T&E*, Mr. Sean Fahey, Johns Hopkins University Applied Physics Laboratory
- *Cooperative Maritime Awareness ACTD*, LtCol. Ken Bruner, HQ USPACOM
- *Wargaming and Strategic Planning*, Dr. Kathleen J. Robertson, Naval Postgraduate School
- *The C4I and Information Management Systems for Navy Ashore Maritime Security and Public Safety*, Dr. Paulette Murphy, SPAWAR System Center San Diego
- *Surveillance and Tracking of Cooperative and Non-Cooperative Maritime Vessels of Interest*, Mr. Stuart Forsyth, Mr. Anthony T. Difurio, Mr. Jay T. Smith, Northrop Grumman
- *Distributed Services Sea Shield DEMO to SPAWAR for the Straits of Malacca*, Mr. David Frost, Lockheed Martin Orincon
- *ForcePRO: Terrorism Risk Analysis and Decision Support Software*, Ms. Rebecca Ferris, NSWC - Panama City
- *Simulation Supported Training Exercises*, Mr. Michael T. McCarthy, I Corps Battle Command Training Center
- *MDP-An application for IDA's HD/HS Layered Defense Framework for Allocating Homeland Defense and Homeland Security Resources*, Mr. Gene Porter, Institute for Defense Analyses