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**(July 2004)**

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# SITREP

## THE NPS MARITIME DOMAIN PROTECTION NEWSLETTER



### MDP-TF

#### Hosts Symposium in August

The MDP-TF was scheduled to host a "Mini-Symposium" on June 10-11. That event was cancelled due to the National Day of Mourning in honor of former President Ronald Reagan.

This event, now known as the Maritime Domain Protection Symposium, has been re-scheduled for August 18-19 at the Naval Postgraduate School in Monterey, California.

This Symposium will include an "MDP Forum" in which visiting commands and participants will be invited to present briefs relevant to Maritime Domain Protection.

Topics covered during this two day Symposium will feature the research projects of the MDP-TF and related efforts, including:

- Overview of Maritime Domain Protection Task Force (MDP-TF)
- Systems Engineering and Integration Team Brief
- Threat and Vulnerability Assessment
- Maritime Domain Awareness (MDA) Data Effort
- Multi Source Data Fusion for MDA
- Attack-Defender Modeling with a Focus on Critical Infrastructure
- Maritime Domain Protection Wargaming
- CNO Strategic Studies Group/Homeland Protection Concept Generation Team
- An Integrated Approach for MDP Estimation of Atmosphere and Surface Influences on Rf/IR Sensors
- PACOM's Joint Interagency Coordination Group for Combating Terrorism
- Modeling in the Cognitive Dimension with Software Agents
- MDP Forum (visiting commands and participants are invited to present briefs)

Further details and a Registration Form for the MDP Symposium will be released shortly. Questions can be addressed to [abwells@nps.edu](mailto:abwells@nps.edu).

**WISHING YOU  
A SAFE AND HAPPY  
4TH OF JULY!**



### New Modeling and Gaming Facility Under Development at NPS



Recent events have highlighted the importance and necessity of developing Maritime Domain Protection (MDP) and homeland security. Essential components of this development include the evolution of new doctrine, capabilities, and policies. Each of these components requires analysis and research in order to understand the second and third order effects, as well as the discovery of best practices to accelerate their successful implementation.

Currently, there is no joint, interagency, and combined synthetic environment that brings together information, organizations, and individuals in an interactive setting that spans the levels of warfare from grand strategy to tactical maneuvers. In order to capitalize on information capabilities in this setting, a common environment to communicate, operate, rehearse and train with one another is needed.

Members of the MDP Task Force will meet this need by designing and developing a National Maritime Domain Protection Modeling and Gaming Laboratory. This facility will provide leaders and researchers a "test bed" for the evaluation and development of MDP Concept of Operations (CONOPS).

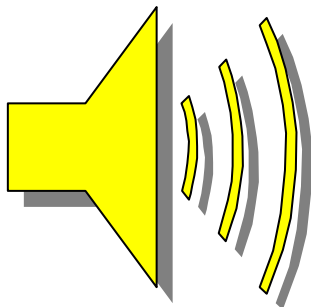
The new Gaming Laboratory will provide a dynamic environment to conduct research on issues relevant to MDP. Designed with multiple stations which will be networked in a secure setting, the Lab will be able to assimilate data feeds from multiple sources and will handle all levels of classification.

By creating a common virtual environment that includes real-world information, users will be able to experiment in both real-world and virtual environments in new and exciting ways. Lessons learned in the virtual environment can be adapted to actual operations.

This wargaming environment will provide a rich setting for gaining insights while conducting many different types of analysis in support of current and future operations. An added benefit of the Laboratory is the development of a technological foundation for exploring transformational issues.

Concurrent research is underway to incorporate meteorological effects into the Laboratory (see *SITREP Vol. IV*).

For additional information on the new MDP Modeling and Gaming Laboratory, please contact Team Leader LTC Saverio Manago, USA at [smmanago@nps.edu](mailto:smmanago@nps.edu).



Upcoming issues of SITREP will feature a Synopsis of findings from June's **Threat and Vulnerability Assessment Symposium**