The Maritime Interdiction Operations (MIO) 08-2 introduced several unique new elements, including tagging and global monitoring of suspect vehicles, multiple small drive-by detection, data sharing between boarding parties searching large vessels under the deck and Riverine area stand-off detection.

The monitoring phase unfolded in Europe. It began with tagging a “suspicious” car at the simulated border control check point in the Bavarian Alps, including biometrics identification and nuclear radiation source detection on board the vehicle. The original goal was for the expert teams at Lawrence Livermore National Lab (LLNL) and Biometric Fusion Center (BFC) to immediately engage in the analysis of source/crew data interactions and develop rapid situational understanding by means of real-time collaboration with the check point cell, comprised of the small command post at the University of Bundeswhr (UoB), Munich, and the mobile check point 30 miles South of Munich in the Alps.

The critical new goal was to tag the vehicle and keep monitoring its movement through Germany to Poland and on to the ferry heading towards Sweden. The Swedish Naval Warfare Center (SNWC) MIO team in Sweden and the command post in Munich would be addressing the challenge of continuing monitoring, by resolving the difficulties via the TNT MIO Operations Center at the NPS CENETIX in Monterey. The LLNL group was able to communicate data with the watch officer in Livermore and communicate the results back to the check point. The UoB command post successfully used NPS Situational Awareness (SA) tools for monitoring, while the NSWC was also combining it with the SNWC/KOCKUMS Blue Force tracker.

The objective for the interdiction and search phase was to explore the feasibility and major constraints associated with collaboration, data sharing between boarding parties engaged and the ability of command centers to come up with the scale of threat imposed by multiple small craft penetrating the metropolitan area. Combined self-aligning orthogonal frequency division multiplexing (SAOFDM) and the Wave Relay network delivered drive-by detection of 8 suspect vessels simultaneously.

In general, the MIO 08-2 appeared to be a significant step forward. It produced vital results for tagging and monitoring, allowed the most successful identification of drive-by CONOPS, demonstrated excellent performance of Wave Relay platform and satellite point-to-point reach back solutions (Swe-Dish, Tachyon), produced good results at different commands and provided for expert site collaboration.

- Contributed by Prof. Alex Bordestky, IS Dept., NPS, Monterey, CA
CALENDAR OF EVENTS
June 9-13: Classified Advanced Technology Update, (see bottom of page) POC: Rita Painter, repainte@nps.edu
June 10: Maritime Domain Awareness Day, TSCI clearance required, NPS GL-102, 0800-1630
June 9-27: Trident Warrior 08—Faculty, students and academic partners getting underway on USS BonHomme Richard for a transit to Hawaii and experimentation enroute. POC: Shelley Gallup, spgallup@nps.edu
June 27: CA Maritime Security Testing & Experimentation Committee, NPS, POC: Wendy Walsh, wdwalsh@nps.edu
July 7-25: Empire Challenge 08, Distributed Information and Systems Experimentation (DISE) team has responsibility for all ISR experimentation, including NPS TNT capability. POC: Shelley Gallup, spgallup@nps.edu
July 14-18: Fair Game Exercise, includes PEO C4I and SPAWAR Charleston, POC: Shelley Gallup, spgallup@nps.edu
July 15-17: MOVES Annual Open House, NPS, Monterey, CA, https://www.movesinstitute.org
July: RIMPAC Ex. POC Jim Mueller, jimeller@aol.com
July 29: 6th Security Workshop: Globalization & Maritime Security, (see below), www.sagecenter.net, POC Karen Guttieri, guttieri@nps.edu
August 14-18: Navy’s Global War Game, NWC, Newport, RI
August 20-21: Maritime Information Sharing Taskforce, LA/Long Beach, CA POC: Wendy Walsh, wdwalsh@nps.edu
September 3-4: OGMSA and the USCG plan to hold their second Technical eXchange on AIS via Satellite II (TEXAS II), National Space Security Office, Chantilly, VA, POC: Guy Thomas, S&T Advisor OGMSA: george.g.thomas@uscg.dhs.gov
September 16-18: Maritime Forces Pacific Conference in Victoria, British Columbia, Canada, POC: Mitch Brown, MBrown@nps.edu
September 30-Oct. 2: NATO Wargame, POC: Mitch Brown, MBrown@nps.edu

Sixth Security Workshop: Globalization & Maritime Security
We cordially invite submission of abstracts for participation in a research collaboration workshop.

www.sagecenter.net  POC: Karen Guttieri, guttieri@nps.edu
Start: Jul 29 2008 - 9:00am End: Jul 31 2008 - 5:00pm Time zone: Etc/GMT
 Marriott Crystal Gateway Hotel, Washington DC

GLOBALIZATION CHALLENGES
We have identified three general research areas in which to build collaborative proposals:

1. Globalization systems,
2. Shocks, trends and prevention, and
3. Leadership development for complex environments

CHALLENGES OF MARITIME SECURITY
Our goal for the Maritime Security focus will be to advance research in the following three areas:

1. Port Security
2. Global Maritime Partnerships, and
3. Security in Straits

We request interested parties submit abstracts of research interest for both tracks (containing no more than 250 words in English) to Security Workshop Abstract Submissions online form at http://www.sage-center.org/events/security_workshop/index.html.