

Information Sciences Department Newsletter

Volume 3, Issue 1, January – March 2008

Sponsor: Dan Boger
Editor: Mark Nissen

Publications

Hayes-Roth, F., J. Dunne, et al. (2008). "Maritime Information Exchange Model (MIEM) Beta Test Users Guide." Washington, DC, Naval Research Laboratory, Space Systems Development Department.
[Comment: This describes a potential standard way of expressing actionable intelligence about vessels, cargo, and people across the Maritime Domain Awareness community of interest. This work incorporates previous work and publications on "A rich semantic model of *Track*." The MIEM is slated to be transferred to the MDA COI in GFY09.]

Irvine, N.J., Jensen, J.J., Roeting, W.H., and Wood, B.P. Joint Battlespace Awareness Intelligence, Surveillance, and Reconnaissance (ISR) Integration Capability (JBAIIC), JBAIIC Empire Challenge 2007 Analysis Report ,” 21 January 2008.

Kamel, M., "Learning Management Systems: Practical Considerations for the Selection and Implementation of an E-learning Platform for the Navy," Naval Postgraduate School Technical Report, NPS-HR-07-128, January 2008.

Presentations (not included in conference proceedings above)

Nissen, M.E., "Philosophy of Science and Engineering Research: Quantitative and Qualitative Methods & The Design of Large Experiments," invited presentation, *CS, ECE, IS, MOVES, OR & SWE Joint PhD Seminar*, Naval Postgraduate School, Monterey, CA (January 2008).

Grants and Funding

Gallup, S.P., Roeting, W.H., and Wood, B.P., "Support for Joint-Battlespace Awareness Intelligence, Surveillance, and Reconnaissance (ISR) Integration Capability (J-BAIIC)," US Joint Forces Command (USJFCOM). \$1,356,000 (parts 2 and 3 of 4 installments).

Gallup, S.P., "Support for Maritime Domain Awareness (MDA)-Spiral 1," SPAWAR. \$332,000.

Gallup, S.P., "Support for Trident Warrior, Sea Trial and FORCEnet Innovation and Experimentation Program (FY08)," ONR, \$1,060,000.

Kimmel, R.A., "C3F Sea Trial Experimentation Support," US Pacific Fleet. \$75,000.

Place, W.D., "C3F UAV Experimentation Support," NAVAIR. \$60,000.

Awards

Significant Professional Activities

Jim **Ehlert** and Ed **Fisher**. The Cooperative Operations and Applied Science & Technology Studies (COASTS) international field experimentation team, consisting of over 30 members representing Naval Postgraduate School (NPS) faculty and students, Office of Naval Research reservists, and industry

representatives, recently completed a successful two-week field experiment in partnership with the Royal Thai Armed Forces at Ao Manao Air Base in South-Central Thailand.

Gallup, S.G. awarded Joint Multi-Mission Electro-Optic System (JMMES) Operational Test Agent (OTA) contract by Commander Third Fleet, 11 January 2008.

Altbaum, D.T. conducted Trident Warrior 08 Risk Reduction Limited Objective Experiment, San Diego, CA, 14-25 January 2008.

Roeting, W.H., **Altbaum**, D.T., **Hurd**, Maj. J.A., **Irvine**, N.J., **MacKinnon**, D.J., **Utschig**, J.M., **Wood**, B.P., attended Empire Challenge 08 Main Planning Conference in support of Joint-Battlespace Awareness Intelligence, Surveillance, and Reconnaissance (ISR) Integration Capability (JBAIIC) and Tasking, Processing, Exploitation and Dissemination (TPED) Management programs, Chantilly, VA, 5-8 February 2008.

Place, W.D. attended AUVSI conference, Washington DC, 26-29 February 2008.

Das, A. completed Oracle 10g Administration Workshop II training, El Segundo, CA, 29 February 2008.

Gallup, S.P. and Cermak, C.M. (Associate Provost of Information Resources and CIO, NPS) signed Memorandum of Agreement formalizing NPS ITACS' support of the FORCEnet Innovation and Research Enterprise (FIRE), a groundbreaking web portal supporting knowledge management and decision making for real-time planning, execution, analysis, and reporting of large-scale Navy and DoD experiments. 24 March 2008.

Place, W.D., **Wood**, B.P. attended RIMPAC 08 Final Planning Conference in support of Joint Multi-Mission Electro-Optic System (JMMES) Operational Manager (OM) and Operational Test Agent (OTA) Support, San Diego, CA, 24-25 March 2008.

Kimmel, R.A. attended 5th Annual ACTD/JCTD (Advanced Concept Technology Demonstration/Joint Capability Technology Demonstration) Execution Review, Washington, DC, 26-27 March 2008.

McClain, B.J. Awarded Masters in Science, Information Science Management, 29 March 2008.

Mark **Nissen** served as Co-Chair of the Minitrack on Knowledge Flows, Knowledge Sharing and Knowledge Transfer, Hawaii International Conference of System Sciences (January 2008).

Mark **Nissen** led a half-day session entitled "Applying Knowledge for Competitive Advantage: the Power and Perplexity of Tacit Knowledge" for the Information Professional Senior Officer Course, Naval Postgraduate School, Monterey, CA (January 2008).

Mark **Nissen** led a two-day Edge Research Workshop at the Naval Postgraduate School, Monterey, CA (February 2008).

Mark **Nissen** led an executive education course module entitled "Using SPMOs to Manage Knowledge for Competitive Advantage" for the Stanford Advanced Project Management Program, Stanford, CA (March 2008).

PhD Student Accomplishments