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Phone: (520) 903-2345 Fax: (520) 903-2346
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Homeland Security In Action

Air * Space * Maritime

Conference Program

Naval Postgraduate School, Monterey, CA
 Aug 26 - 28, 2008

Hyatt Regency, Monterey, CA
 Aug 29, 2008

Organized by the
 AIAA Homeland Security Program Committee

Co-Sponsored by



Presented in association with
 Naval Postgraduate School
 PM & AM Research
 Marine Technology Society

Dangerous threats are everywhere. So we make it our mission to address and minimize them. At ITT, we engineer, implement and maintain customized solutions that help secure our nation's borders, ports and infrastructure. By combining integrated software architecture and leading-edge technology, we provide solutions that can enhance and maintain the security of our nation. Our systems can limit the effects of disasters, detect terrorist activity and provide intelligence and warnings so that attacks can be prevented before they happen. Are you ready? For more information about ITT, please visit itt.com/security.

**Today's threats are unpredictable.
Our security should be anything but.**



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Communications • Sensing & Surveillance • Space • Advanced Engineering & Integrated Services



Thursday August 28, 2008 continued Location: Ingersoll 122

- 1330 - 1500 **Session 8 Remote Sensing Capabilities and Solutions**
Satellites and Border Security, Tom Foust, Intelsat General Corp.
** ISR Overview*, Thomas M. Willoughby, DHS/ISR
Chem Bio Architecture, Bill Frame, JPEO-CBD SSA Architecture

Afternoon break sponsored by Intelsat General Corporation



- 1530 - 1700 **Session 9 Terrorism & Disaster Response**
 Session Moderator: Wadad B. Dubbleday, SPAWAR Systems Center Pacific
Technology Advances in FEMA Response an Recovery to Disasters, Bob Fenton, R&R Director R-9 FEMA
NOAA Support to Emergency/First Responders, David Reynolds, San Francisco Bay Area NWD Weather Forecast Office
Emergency Communications Operability, Eric Coolbaugh, SPAWAR Systems Center Pacific

Friday August 29, 2008 Location: Hyatt Ballroom

- 0800 - 0845 *Crisis Response and Recovery—a Principal Federal Official Perspective*, Martin Vaughn, Director Southwest Border Operations, CBP Air & Marine

- 0830 - 1200 Demonstrations and Training in the Hyatt Hotel Ballroom and in the Parking lot

FEMA
 Intelsat General Corporation
 Naval Postgraduate School
 Pacific Disaster Center
 PM & AM Research
 SPAWAR Systems Center Pacific
 SYTRONICS

As a courtesy to your colleagues, please remember to silence beepers, pagers and cell phones during the sessions.

An NPS ID or Conference Name Badge is required to enter conference sessions and poster event. A Conference Name Badge is required for lunch.

3rd Annual
Homeland Security Conference
>> Integration <<

August 2009

Naval Postgraduate School
 Hyatt Regency Monterey

More information will be available at
www.physics-math.com/events

Homeland Security in Action
 produced by

- Jim Somers:
Conference Chair
- Dr. Kevin Kremeyer:
HSPC Chairman
- Wendy Walsh:
NPS Liaison
- Johnny William
Border Liaison
- Sara Falconer:
Conference Coordinator
- Prof. Floyd "Rusty" Russell:
Poster Session Coordinator
- Major Allen Thibeaux:
*NPS Liaison & Volunteer
 Coordinator*
- Denise Blum:
Accounting and Management



THE SRI-LED CENTER HAS ESTABLISHED AN
 MDA SYSTEM IN TAMPA BAY, FLORIDA.
 RESULTS TO DATE SHOW SOLID PROGRESS:

- ★ Comprehensive needs analysis and threat assessment of Tampa Bay stakeholders completed
- ★ Tampa Bay radar coverage provided to U.S. Coast Guard, St. Petersburg
- ★ Real-time Information Marine System (RIMS) developed
- ★ Operation and Evaluation Center established



Duane Bedell
 Senior Research Engineer
 SRI St. Petersburg
 Phone: 727.553.1299

Conference Schedule-at-a-glance

All functions take place on the campus of the Naval Postgraduate School unless otherwise indicated

Monday August 25, 2008

1700 - 1900 Packet pickup and Reception Pebble Room, Hyatt

Tuesday August 26, 2008

0815 - 0900 Registration / Continental Breakfast.. Ingersoll 122
 0900 - 1145 Keynote Address, Session 1 Ingersoll 122
 1200 - 1315 Lunch..... Herrmann Hall Ballroom
 1330 - 1500 Session 2..... Ingersoll 122
Afternoon Break
 1530 - 1700 Session 3..... Ingersoll 122

Wednesday August 27, 2008

0830 - 0900 Continental Breakfast Ingersoll 122
Sponsored by SRI
 0900 - 1145 Keynote Address, Session 4 Ingersoll 122
 1200 - 1315 Lunch..... Herrmann Hall Ballroom
 1330 - 1500 Session 5..... Ingersoll 122
Afternoon Break
 1530 - 1700 Session 6..... Ingersoll 122
 1730 - 1930 Poster Session Herrmann Hall Ballroom
Sponsored by ITT Corp

Thursday August 28, 2008

0830 - 0900 Continental Breakfast Ingersoll 122
 0900 - 1000 Crisis/Disaster Resp. Perspective Ingersoll 122
 1015 - 1145 Session 7 Ingersoll 122
 1200 - 1315 Lunch, Keynote Address Herrmann Hall Ballroom
 1330 - 1500 Session 8..... Ingersoll 122
Afternoon Break sponsored by Intelsat General
 1530 - 1700 Session 9..... Ingersoll 122

Friday August 29, 2008

0800 - 0845 Special Brief Pebble Room, Hyatt
 0845 - 1200 Demonstrations and Training Hyatt Hotel Ballroom

(schedule and speakers subject to revision)

Tuesday August 26, 2008 **Location: INGERSOLL 122**

0815 - 00845 Breakfast & Registration

0845 - 0900 Plenary Address: VADM Daniel P. Oliver, Naval Postgraduate School

0900 - 0945 Keynote Speaker: General Michael C. Kostelnik, CBP Air and Marine *CBP Air and Marine Overview*

1000 - 1145 **Session 1 Helicopter Systems**
Helicopter Operations on the Southwest Border, Rich Rouviere, CBP Air and Marine
Coast Guard Aviation – SAR vs Homeland Security Missions, Captain Jay Jewess, USCG District 11
Emergency Air Space Mgmt., CMDR Joe Sullivan, USN, Naval Postgraduate School

1200 - 1315 Lunch will be served in the **Herrmann Hall Ballroom** followed by the presentation of a commendation to the Department of Homeland Security on behalf of the American Institute of Aeronautics and Astronautics (AIAA). Accepting the award for DHS, **Stewart Baker, Assistant Secretary for Policy, acting as Undersecretary Equivalent**

1330 - 1500 **Session 2 Surveillance**
** CBP UAS, SW Border Operations*, Pete McNall, CBP Air and Marine
CPB AMO Manned Surveillance Assets, Jim Eli, CBP Air and Marine
Development, System Integration and Flight Testing of a High Resolution Imaging System for Small UAS, Kevin Jones, Naval Postgraduate School

Afternoon break

1530 - 1700 **Session 3 Terrorism & Disaster Response**
Commercial Aviation Security, Captain Billy Wilson, Fed Ex Flt Ops
CA Wildfires; Military Response, Col. Dan Nelan, California National Guard
**Disaster & Terrorism Preparedness & Response: A San Francisco Bay Perspective*, Captain Tom Cullen, U.S. Coast Guard

Wednesday August 27, 2008 **Location: INGERSOLL 122**

0830 - 0900 Continental Breakfast sponsored by SRI

0900 - 0945 Keynote Speaker: *Maritime Aeronautical Issues*, RADM Gary T. Blore, Assistant Commandant for Acquisition, U.S. Coast Guard



1000 - 1145 **Session 4 Ocean Operations**
Ocean Systems, Owen Doherty, DOT/MARAD
U.S. Coast Guard Operations, Captain Barry Compagnoni, USCG
** Tampa Bay Maritime Domain Awareness System-Year One*, Duane Bedell, SRI

1200 - 1315 Lunch will be served in the **Herrmann Hall Ballroom**
Speaker: Capt Charles "Chip" Strangfeld, Deputy Assistant Director for Maritime Missions, Missions Management Directorate, DNDO

1330 - 1500 **Session 5 Coastal Interdiction**
CPB A&M Systems for Coastal Interdiction, Steve Boyer, CBP Air and Marine
Coastal Interdiction, Captain Patrick H. Stadt, USCGC BERTHOLF
** Combined DHS Demonstration*, Alex Bordetsky, Naval Postgraduate School

Afternoon break.

1530 - 1700 **Session 6 Terrorism & Disaster Response**
**Hastily Formed Networks for Humanitarian Assistance/Disaster Relief*, Brian Steckler, Naval Postgraduate School
1401 Technology Transfer Program, Don Lapham, OSD
Gulf Exercise, Captain Matt Sisson, U.S. Coast Guard R&D Center

1730 - 1930 Poster Presentations will be held in the **Herrmann Hall Ballroom, sponsored by ITT**
Cash Bar and Hors d'oeuvres



Thursday August 28, 2008 **Location: Ingersoll 122**

0815 - 0900 Continental Breakfast

0900 - 1000 Special Discussion: The Crisis/Disaster Response Perspective, moderated by Ted Sheppard, Pacific Disaster Center. Panelists: Rich Davies, Western Disaster Center; Gerardo Garcia, The MITRE Corporation; Scot Berg, Anaheim Fire Department

1000 - 1145 **Session 7 User Requirements**
Title TBA, Pheng Khov /John Austin, CPB A&M
Intro OGMSA: "Building the Collaborative Information Environment in the Maritime Domain", Guy Thomas, National Office of Global Maritime Situational Awareness

1200 - 1315 Lunch will be served in the **Herrmann Hall Ballroom**
Keynote Speaker: RADM Joseph L. Nimmich, USCG JIATF-South
JIATF-South—An Interagency and International Coordination, Fusion and Operations Solution