



SCHEDULE-AT-A-GLANCE

WELCOME RECEPTION

Monday, March 8 5:00 - 6:30 pm

PLENARY SESSION

Tuesday, March 9 8:00 am - 5:00 pm

TECHNICAL SESSIONS

Wednesday, March 10 8:00 am - 5:00 pm

Thursday, March 11 8:00 am - 12:00 pm

MONGOLIAN BARBECUE - NETWORKING RECEPTION

Wednesday, March 10 6:00 - 8:00 pm

GENERAL CONFERENCE INFORMATION

PRESENTED BY

National Defense Industrial Association

SUPPORTED BY

Commander, Naval Mine and Anti-Submarine Warfare Command, and
Space and Naval Warfare Systems Command San Diego

LOCATION

Admiral Kidd Conference Center, Naval Base Pt. Loma
San Diego, CA

REGISTRATION

Registration will open in January 2010; the registration brochure/agenda will be mailed in early February and will also be posted on our website at <http://www.ndia.org/meetings/0260>. To request additional brochures or to add a colleague to the mailing list, contact Kimberly Williams at kwilliams@ndia.org. Technical speakers will be entitled to one reduced registration fee per presentation.

ACCOMMODATIONS

Hyatt Regency Mission Bay
(formerly the Hyatt Islandia)

1441 Quivira Road San Diego, CA 92137 (619)224-1234
Industry Room Rate: \$219 single/double
Government Room Rate: \$147 - or current per diem

Applicable state and local taxes, currently 10.5%, will be added to both room rates. Mention the NDIA Undersea Warfare Conference to get our group rate. Reservations must be made by February 14, 2010.

ADDITIONAL INFORMATION

Visit our website at

<http://www.ndia.org/meetings/0260>

Or Contact:

Kimberly Williams
Meeting Planner
NDIA

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Arlington, VA 22201
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JOINT UNDERSEA
WARFARE TECHNOLOGY
2010 Spring Conference

*Undersea Superiority – Realities, Challenges
and Opportunities*

WWW.NDIA.ORG/MEETINGS/0260



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JOINT UNDERSEA WARFARE TECHNOLOGY

2010 SPRING CONFERENCE

Undersea Superiority – Realities, Challenges and Opportunities

CALL for PAPERS

YOU DON'T WANT
TO MISS THIS
CONFERENCE!

- **Requirements and developments in undersea warfare**
join in discussion with senior Navy leadership
- **Countering submarine and mine threats**
gain insight on the threats to the free and open flow of sea borne commerce
- **Power projection from the sea**
learn about the latest technology and developments
- **Join professionals**
from the active duty Navy, key Navy Secretariat, the Pentagon, SYSCOM program offices, Navy & University labs, and the defense industrial base
- **Make valuable connections**
with like-minded professionals at networking social functions like the Mongolian Barbecue

ADMIRAL KIDD CONFERENCE CENTER ► SAN DIEGO, CA
EVENT # 0260

MARCH 8-11, 2010
WWW.NDIA.ORG/MEETINGS/0260

JOINT UNDERSEA WARFARE TECHNOLOGY
2010 SPRING CONFERENCE

UNDERSEA SUPERIORITY – REALITIES, CHALLENGES AND OPPORTUNITIES

MARCH 8-11, 2010 ► SAN DIEGO, CA

This is an invitation to you or someone in your organization to submit an abstract for consideration for agenda placement in the Technical Sessions of the 2009 Joint Undersea Warfare Technology Spring Conference.

CLASSIFICATION	SECRET U.S. Only
LENGTH OF PRESENTATION	25 minutes (incl Q&A)
DEADLINE FOR SUBMITTAL	February 1, 2010

The Undersea Warfare Division of NDIA invites you to submit an abstract that clearly describes advances in undersea warfare technology areas emphasizing one of the five technical sessions described on the following pages.

Abstracts must be submitted online at

<http://application.ndia.org/abstracts/0260>

At this site, you will enter your full contact information, title and text of your abstract, and a brief biography. Email confirmation of your abstract's receipt will be sent when successful abstract submittal is completed. When abstracts are selected, you will receive an email with the status of your abstract and further instruction.

Be sure to include:

1. What topic is to be addressed and why it is important;
2. How the topic relates to the conference theme;
3. How the method/approach addresses the topic;
4. How mature the research/development is;
5. The results that are to be expected;
6. The type, significance, and importance of the results;
7. Abstracts must be UNCLASSIFIED.

Note: Authors are responsible for obtaining all necessary releases from their sponsors for presentation of their work. Presentation slots are 25 minutes (incl. Q&A).



ABOUT THE UNDERSEA WARFARE DIVISION

The world's national economies are interdependent, requiring an uninterrupted flow of goods and resources. Of this, 90% of the world's trade is by sea. The United States supports global trade and defends the rights of all nations to freely navigate the world's oceans, seas and waterways, while respecting sovereign territorial waters. Maintaining sea control helps guarantee the free flow of commerce and supports global maritime security.

SEA SHIELD is a supporting pillar for the freedom of maritime action and communication in the open ocean; U.S. Naval Undersea Warfare Forces need to be agile, forward-deployed, persistent, adaptable and ready. USW capability opens doors for expeditionary operations, power projection from the sea, and the ability to wage

strike warfare to influence events ashore. It is an indispensable enabler for the SEA STRIKE pillar of support to joint force/coalition operations in the maritime and land environment. The goal is that U.S. USW forces must be able to shape the subsurface battlespace through presence and deterrence, and when this fails, defeat an aggressor's submarine threat in order to render that actor unable to continue effective operations in that environment. To this goal, NDIA's USW Division works closely with the Navy to expand our working relationships, be a strong advocate for industry and its ability to assist the Navy to achieve its goals, and to be an integral part of the naval and university labs that attack technical issues.



AVIATION USW
Chairman
Mr. Dave Nelson
david.j.nelson5@boeing.com
The Boeing Company

The Aviation Committee focuses on the capability, integration and synergies that the airborne Undersea community brings to the fight. Because of the wide range of "aviation platforms," from wide-body fixed wing to rotary winged, as well as the gambit of unmanned systems, the committee is interested in articulating the contributions and potential of these weapons systems. Desired technical subjects cover the broad areas of undersea capable weapons, sensors, man-machine interface, littoral and large area search as well as the networking required to make all of this happen. The presentations cover a range, including theoretical discussions by academic institutions and laboratories, reports on experimental systems and systems being developed for Fleet introduction, and discussions of Navy programs of record.



C4I & COMBAT SYSTEMS
Chairman
Mr. Paul Rosbolt
paul_k_rosbolt@raytheon.com
Raytheon Company

The C4I & Combat Systems Technical Committee focuses on Communications, Information Exchange, Data Fusion and Command and Control enablers for the ASW Kill Chain F2T2EA (Find, Fix, Track, Target, Engage and Assess). Committee presentations are given by academia, government and industry and cover a broad range of topics from theoretical discussions to updates on technology, programs of record and test results.



MINE WARFARE
Chairman
Mr. Eric Holmes
eric.holmes@lmco.com
Lockheed Martin

The Mine Warfare (MIW) Committee provides the opportunity for Industry, Government, and Academia to exchange information and express their views in addressing technical, programmatic and operational issues and activities in the MIW community. The Committee addresses threats, programs, operations, CONOPS, and future technologies across the MIW spectrum of mine hunting, mine sweeping, neutralization, command and control, mining and other areas of interest.

UNDERSEA WARFARE DIVISION LEADERSHIP

Division Chairman

Mr. Bruce Spear
Science Applications International Corporation

Division Vice Chairman

VADM James Fitzgerald, USN (Ret)
The Johns Hopkins University
Applied Physics Laboratory

Division Deputy Chairman

Mr. Richard Udicious
Lockheed Martin Corporation

Spring Conference Chairman

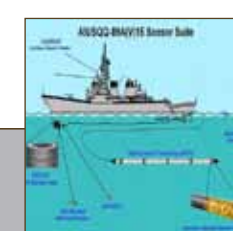
Mr. Wayne Jakubowski
ASSETT, Inc.

Spring Conference Support

Commander, Naval Mine and Anti-Submarine Warfare Command and Commander, Space and Naval Warfare Systems Center San Diego

Division Liaisons

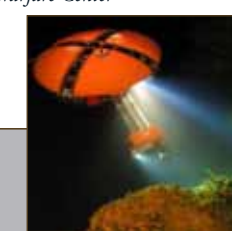
Deputy Chief of Naval Operations for Resources, Requirements and Assessments and Commander, Naval Undersea Warfare Center



UNDERSEA SENSORS
Chairman
Mr. Jose Rio
jose.rio@lmco.com
Lockheed Martin

The focus of the Undersea Sensors Committee is to provide guidance to the U.S. Navy about the application of cutting edge technology. Abstracts submitted to this section should relate to the following: underwater acoustic transduction and acoustic sensor arrays, electro-optic sensors, magnetic sensors, electrostatic sensors, chemical sensors, gravity sensors, signal processing, test and evaluation, operational use/sea test results, and theoretical studies.

This list is not exhaustive but representative of the disciplines and associated sciences.



UNDERSEA VEHICLES
Chairman
Mr. Richard Talipsky
rtalipsky@seacorp.com
SEA Corp

The Undersea Vehicles Committee focuses on both large and small hull undersea vehicles (both manned and unmanned) and unmanned surface vehicles. Technical subjects cover the broad areas of weapons, unmanned vehicles, defensive systems and hull, mechanical and electrical systems. The technical committee presentations range from theoretical discussions by academic institutions and laboratories, reports on experimental systems and systems being developed for Fleet introduction, to discussions of Navy programs of record.