

# MINE LINES

THE NEWSLETTER OF THE MINE WARFARE ASSOCIATION

<WWW.MINWARA.ORG>

*March 2010*

ANNOUNCING

## **9th INTERNATIONAL SYMPOSIUM ON TECHNOLOGY AND THE MINE PROBLEM**

NAVAL POSTGRADUATE SCHOOL  
MONTEREY, CA  
May 17-20, 2010

### **REGISTRATION ISSUE**

DETAILS FOR ACCESS  
TO THE NAVAL POSTGRADUATE SCHOOL  
APPEAR ON PAGE 4.

Please visit the website  
<[www.9thsymposium.com](http://www.9thsymposium.com)>  
for additional information

# LETTER FROM THE PRESIDENT

Greetings from the Mine Warfare Association. This issue provides the details of the **9<sup>th</sup> International Symposium on Technology and the Mine Problem**, scheduled for 17-20 May 2010 at the Naval Postgraduate School in Monterey, CA. This symposium provides an outstanding opportunity to join with other military, academic, and industry personnel who are concerned with the mine threat and our ability to cope with it. The scope of this symposium has grown over the years, so that it now addresses both domestic and the traditional overseas challenges. More information is available on page 3 of this newsletter and on the MINWARA website <[www.minwara.org](http://www.minwara.org)>.

On Feb 24, 2010 the Mine Warfare Association hosted a classified government-industry day at Whitney, Bradley & Brown (WBB) in Reston, VA. Nearly one hundred government and industry personnel attended. Rear Admiral Drennan, Commander Naval Mine and ASW Command, presented a detailed status on the state of mine warfare; Rear Admiral (select) Scott, N85, and Capt Mark Rios, N852, briefed the status of mine warfare requirements and funding; and Mr. Victor Gavin, Deputy PEO LMW, Ms. Donna Carson-Jelly (PMS 495), Mr. Mike Alperi (PMS 403), and Mr. Philip Marshall (PMS 420) provided updates on acquisition program status. Rear Admiral Hebner, Rear Admiral Drennan's prospective relief, also attended. All briefers willingly answered questions from attendees.

The annual meeting of the Mine Warfare Association was held after the government-industry day on Feb 24. The following topics were discussed: MINWARA financial status, feedback from the May 2009 MINWARA conference in Panama City, the upcoming Monterey conference, MINWARA organizational focus for 2010, and the election of MINWARA officers and directors.

The Congressional Naval Mine Warfare Caucus is planning a reception on Capitol Hill this Spring. Details will be provided separately by Todd Skipper, Dale Gerry, and Rear Admiral (ret) Chuck Horne.

Hope to see you in Monterey in May!

Paul Ryan  
Rear Admiral, USN (Ret)  
President

***MARK YOUR CALENDAR***  
**9<sup>th</sup> International Symposium on  
Technology and the Mine Problem**  
May 17 - 20, 2010  
Naval Postgraduate School  
Monterey, CA

**THE 9th INTERNATIONAL SYMPOSIUM IN THE  
"TECHNOLOGY AND THE MINE PROBLEM" SERIES  
TECHNOLOGIES AND UNMANNED SYSTEMS FOR MINE  
WARFARE AND EXPEDITIONARY WARFARE**

**MAY 17-20 2010**

**NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA**

The 9th International Symposium in this series focuses on the concepts, technologies, and applications needed to address current, evolving, and future needs across a broad spectrum of warfare. The theme of this year's Symposium will be **TECHNOLOGIES to support COUNTER MINE WARFARE, ADVANCED UNDERWATER WEAPONS, and EXPEDITIONARY WARFARE**, with a detailed focus on **UNMANNED SYSTEMS TECHNOLOGIES, CONCEPTS, and APPLICATIONS**. This year's Symposium is jointly sponsored by OPNAV N85, the Office of Naval Research, the Naval Mine and Anti Submarine Warfare Command, the Naval Expeditionary Combat Command, the Program Executive Office Littoral and Mine Warfare, Mine Warfare Association, and the Naval Postgraduate School.

Several senior government representatives will speak on the operational requirements, technical challenges, and urgent needs for near term solutions and major system applications across this broad range of topics, and reports from several of the recent studies of Unmanned Systems sponsored by senior Navy officials will be presented. Our technical session chairs will focus on areas of current interest from leading edge basic research to the most recent Unmanned Systems concepts and experiments. **Your attendance and participation are enthusiastically anticipated!**

Attendees are encouraged to note the "no host" registration on Monday, 17 May 2010 at the Quarterdeck in Hermann Hall at the Naval Postgraduate School from 4:00pm to 6:00pm . The Mine Warfare Association will host a Symposium Reception at the Monterey Bay Aquarium on Wednesday, 19 May 2010. The Aquarium event has always been a high point of the Symposium.

We will post updates on the website [www.9thsymposium.com](http://www.9thsymposium.com) as details and participants are confirmed.

Hope to welcome you to Monterey!

The Organizing Committee  
Clyde Scandrett  
Rick Williams

**MINWARA RECEPTION – EXHIBITOR OPPORTUNITY**

The Monterey Bay Aquarium presents a dramatic and striking venue for industry to exhibit tabletop displays. MINWARA will once again host a Dessert Reception on Wednesday, May 19 for symposium attendees and their guests. We invite corporations to take advantage of this unusual opportunity to meet conference attendees in an informal and relaxed atmosphere.

For information, go to [www.9thsymposium.com](http://www.9thsymposium.com)  
<<http://www.9thsymposium.com>>

or contact John Pearson <[jdpearson@msn.com](mailto:jdpearson@msn.com)>

or Carol Long <[carol@DMCcompanies.com](mailto:carol@DMCcompanies.com)>

# **ACCESS TO NAVAL POSTGRADUATE SCHOOL**

## **U.S. CITIZENS**

U.S. citizens, who register as an attendee for the symposium, will be placed on the Naval Postgraduate School access list for the May 17-20, 2010 period. Since entry requires your name on the access list, it will be necessary to register at least one week prior to the symposium. Although it is possible to register on site, this will potentially delay your entry to the conference for a period of time while we obtain approval for access to the Naval Postgraduate School. You are strongly encouraged to register prior to arrival.

## **PARKING**

Parking is NOT available at the Naval Postgraduate School.

## **REMINDER TO NON-US PARTICIPANTS**

Foreign visitors/non-US citizens who are attending the symposium as representatives of their government are considered to be "official visitors". Their attendance must be approved in accordance with the paragraph titled "Official International Visitors".

Non-US citizens attending on a personal/professional basis, not on behalf of their government will need to provide the information below along with their symposium registration forms. You may print a form at the website <[www.9thsymposium.com](http://www.9thsymposium.com)>.

- Name
- Date of Birth
- Place of Birth
- Passport Number
- Country of Residence
- Citizenship
- Position/Rank
- Employer
- Estimated Date of Arrival
- Estimated Date of Departure

Non-US citizens who register as an attendee for the symposium will be placed on the Naval Postgraduate School access list for the May 17-20, 2010 period.

## **ENTRY POINT**

All attendees (U.S. and non-U.S.) should enter the Naval Postgraduate School at the 10th Street gate on Sloat Avenue.

## **OFFICIAL INTERNATIONAL VISITORS**

Official visits to the Naval Postgraduate School by Foreign National Visitors must be approved through the Navy International Programs Office. The visitor should contact the Defense Attache at their Embassy in Washington and ask that they submit a request to visit the Naval Postgraduate School. Advise the defense attache's office to reference "The Guide to Foreign Attaches Accredited to the Department of the Navy". Procedures for submissions of visit requests to the Naval Postgraduate School are included in that manual.

Your request to the Defense Attache's office should indicate "To attend the 9th International Symposium on Technology and the Mine Problem" as the purpose of the visit. The points of contact (POC's) at the Naval Postgraduate School are:

Mr. Andy Andersen, Security Manager  
831-656-2450  
and  
RADM (Ret) Rick Williams,  
Chair of Mine Warfare  
831-656-7702

To ensure timely visit request approval, you should submit your visit request to your defense attache's office by 17 April 2010. To verify visit approval by the Naval Postgraduate School, send your inquiry to [Mandersen@nps.edu](mailto:Mandersen@nps.edu) approximately two weeks after original submission of your visit request to your defense attache's office.

## **LODGING**

No rooms have been blocked at any hotel for this conference. The two hotels within walking distance to the Naval Postgraduate School are the Hyatt Regency and Hilton. For other options go to [www.mpcc.com](http://www.mpcc.com) and [www.montereyinfo.org](http://www.montereyinfo.org).

**9th INTERNATIONAL SYMPOSIUM  
REGISTRATION FORM**

Please Type or Print Clearly

Full name as it appears on your identification

Mr.  Ms.  Dr.  First Name \_\_\_\_\_ Middle \_\_\_\_\_ Last \_\_\_\_\_

Or Military Rank/Branch \_\_\_\_\_

Name as you would like it to appear on your Name Badge \_\_\_\_\_

Organization (will appear on your Name Badge) \_\_\_\_\_

\_\_\_\_\_

Mailing Address

\_\_\_\_\_

\_\_\_\_\_

City \_\_\_\_\_

State/Province \_\_\_\_\_

Zip/Post Code \_\_\_\_\_ Country \_\_\_\_\_

Day Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

I am **not** a US citizen.

Please do not publish the above information

I have the following Dietary Restrictions:

\_\_\_\_\_

**REGISTRATION FEES**

	Before 4/15	After 4/15
General Registration	<input type="checkbox"/> \$495	<input type="checkbox"/> \$545
MINWARA/SCOT		
Member	<input type="checkbox"/> \$445	<input type="checkbox"/> \$495
Active Military		
or Session Chairs	<input type="checkbox"/> \$420	<input type="checkbox"/> \$470
NPS (attending meals and aquarium event)	<input type="checkbox"/> \$220	<input type="checkbox"/> \$240

Aquarium Reception Guest  
(your attendance is included in your registration fee.)

# of guests \_\_\_\_\_ x \$50 = \_\_\_\_\_

Guest Name for badge \_\_\_\_\_

**Total Amount** \_\_\_\_\_

**Method of payment:**

Check  Money Order

AMEX  Visa/MasterCard

Credit Card # \_\_\_\_\_

Expiration Date \_\_\_\_\_

Cardholder \_\_\_\_\_

Signature \_\_\_\_\_

Please complete this form and send to:

“9th International Symposium”

484B Washington St., MB 340, Monterey, CA 93940

Phone 831-373-0508 Fax 831-373-0460 email [conference@DMCcompanies.com](mailto:conference@DMCcompanies.com)

Registrations submitted without payment will not be processed.

Make checks payable to “9th International Symposium”

Cancellations must be submitted in writing. A \$50 processing fee will be retained on all cancellations received before April 15, 2010. No refunds will be issued for cancellations received after April 15, 2010.

Look for more info at <[www.9thsymposium.com](http://www.9thsymposium.com)>

# MINWARA NEWS

## **MINWARA GOVERNMENT - INDUSTRY DAY**

The Mine Warfare Association was pleased to host a Government-Industry Day conference in the Washington DC area on 24 February 2010. Approximately 95 attendees, mostly from industry were in attendance.

Presentations by the Commander, Naval Mine and Antisubmarine Warfare Command (CNMAWC - Radm Frank Drennan, USN), the Acting Director, OPNAV Expeditionary Warfare Division (OPNAV N85 - Rdml (Sel) Kevin Scott, USN) and key personnel from the Program Executive Office, Littoral and Mine Warfare (PEO, LMW) provided an update of status/ issues in the fleet, in plans and programming, and in acquisition programs. Radm Drennan's prospective relief, Radm Scott Hebner, USN was in attendance at the conference.

## **MINWARA ANNUAL MEMBERS MEETING**

The Annual Members Meeting immediately followed the Government-Industry Day meeting. The Minwara President, Radm Paul Ryan, USN (Ret) provided members an update on MINWARA with the following agenda items:

- MINWARA financial status
- May 2009 Panama City Conference and upcoming 9th Symposium on Technology and the Mine Problem, U. S. Naval Postgraduate School, Monterey CA (17-20 May 2010)
- New MINWARA Directions and Mine Warfare Documentary status

This agenda was followed by the election of MINWARA officers and directors and adjournment. The 2010 elected officers and directors are posted at <[www.minwara.org](http://www.minwara.org)>.

### **CONGRESSIONAL NAVAL MINE WARFARE CAUCUS MEETING**

Planning for this meeting is underway for a May-June event. Stay tuned on the website above for the actual date. This will be an excellent opportunity for MINWARA corporate members to interact with key congressional members and staffs. Planners hope to have significant industry exhibit space in the meeting room for a complete business day. Since MINWARA cannot lobby Congress by corporate charter, this announcement is for information only and should not be considered an endorsement by MINWARA.

# MEMBERSHIP APPLICATION

*The Mine Warfare Association*

c/o The DMC Companies

484B Washington Street, MB 340, Monterey CA 93940

phone: (831) 373-0508, fax (831) 373-0460, e-mail: minwara@dmccompanies.com

## Concerning all aspects of Sea-Land Mine warfare and Explosive Ordnance Disposal



Date \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
Tel (H) \_\_\_\_\_ tel (W) \_\_\_\_\_  
Email \_\_\_\_\_  
Corporate Affiliation \_\_\_\_\_  
Corporate Address \_\_\_\_\_  
\_\_\_\_\_  
Nationality \_\_\_\_\_

### CLASS OF MEMBERSHIP

(All schedules except Life Membership are on an annual basis)

#### *Individual Memberships*

- Student \$25  
 Annual Membership \$50  
 Life Membership \$500

#### *Corporate or Foundation Memberships*

(Life/Annual)

- Bronze \$500 (0/2)  
 Silver \$1000 (0/4)  
 Gold \$2000 (1/2)  
 Platinum \$5000 or Greater (2/2)

The level of membership (Bronze, etc.) selected by a prospective corporate member determines the number of Life and Annual memberships awarded upon application for a particular calendar year (January 1 through December 31). The Bronze level would be awarded zero life memberships and two annual memberships for the year of membership. The Platinum level would be awarded 2 life memberships and 2 annual memberships for the year of membership.

The new membership recipients (life and annual) for the corporation should be designated upon corporate membership application. They will be added, in our database, to prior life membership recipients (where applicable) for the corporation. Life and annual membership recipients may be individuals by name and/or corporate position.

Corporate membership should not be confused with event corporate sponsorship. We, separately invite corporations to be event sponsors for our conferences and symposia. This may include exhibits, receptions, banquet tables, etc. offered at varying prices for the event. Platinum corporate members are not charged a fee for one exhibit space at an event.

The corporate membership benefits for the various membership levels are listed at [www.minwara.org](http://www.minwara.org). Hopefully, this clarifies any confusion on these issues.

### PROFESSIONAL INTERESTS

#### *Operational:*

- Naval  Land  
 Demining  Research and Development  
 Management  Economics  
 Field Work  Fundraising  
 Unexploded Ordnance  Public Education

#### *Geophysical Interests:*

- Land  Beach  
 Surf Zone  Shallow Water  
 Deep Water

Language skills (Please specify):

#### *Willingness to Serve MINWARA:*

- Board Member  Officer  
 Conference Organizer  Membership  
 Clerical Assistance  Corporate  
 Fundraising  Presenter  
 Other (Please specify):

#### *Method of payment:*

- Check  Money Order  
 Visa/MasterCard  American Express

Credit Card # \_\_\_\_\_

Expiration Date \_\_\_\_\_

Cardholder \_\_\_\_\_

Signature \_\_\_\_\_

Remittance: Credit Card (above), U.S Dollars Check or Money Order payable to Mine Warfare Association.

# MINE LINES

C/O THE DMC COMPANIES  
484B Washington Street MB340  
Monterey, California 93940

First-Class Mail  
U.S. Postage Paid  
Monterey, CA  
Permit NO. 244

Return Service Requested

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## CORPORATE MEMBERS

### *Platinum*

Arete Associates  
The Boeing Company  
ITT Corporation  
Lockheed Martin Corporation  
Naval Surface Warfare Center, Panama City, FL  
Northrop Grumman Aerospace Systems  
Raytheon Integrated Defense Systems

### *Gold*

General Dynamics Information Technology  
Seabyte Ltd.

### *Silver*

AAI Corporation, Inc.  
Bluetin Robotics  
DRS Sonar Systems, LLC

### *Bronze*

Dok-Ing  
Edgetech  
Foster-Miller, Inc./QinetiQ North America  
Hitachi, Ltd.  
Hydroid, Inc.  
Kaman Aerospace Corporation  
Kawasaki Heavy Industries, Ltd.  
L-3 Klein Associates, Inc.  
Northrop Grumman Systems Corporation, Oceanic and Naval Systems  
PURVIS Systems Incorporated  
Teledyne RD Instruments  
Technical Systems Integration  
Whitney, Bradey & Brown, Inc.