

JOINT EDITION

MINE LINES

THE NEWSLETTER OF THE
MINE WARFARE ASSOCIATION

<WWW.MINWARA.ORG>

and

Demine News

THE NEWSLETTER OF THE
SOCIETY FOR COUNTER-ORDNANCE TECHNOLOGY

<WWW.DEMINE.ORG/SCOT>

February 2006

ANNOUNCING

SEVENTH INTERNATIONAL SYMPOSIUM ON TECHNOLOGY AND THE MINE PROBLEM

MAY 2-4, 2006

OPTIONAL TOUR ON 5 MAY

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CA

REGISTRATION ISSUE

DETAILS FOR ACCESS
TO THE NAVAL POSTGRADUATE SCHOOL
AND A REMINDER FOR
NON-US PARTICIPANTS APPEAR ON PAGE 4.

LETTER FROM THE PRESIDENT

As announced in our last Minelines, MINWARA held a Government – Industry Day meeting on October 20, 2005. We reviewed the status of the Littoral Combat Ship and associated mine countermeasures (MCM) modular mission packages. This critical program is key to the future of MCM in the U. S. Navy. As previously mentioned, the program needs to be on time and successful, to provide improved MCM capability to replace dedicated MCM force reductions expected in the near future.

We also held our Annual Members' Meeting at the same venue following the Government – Industry Day meeting. We elected a new slate of officers and directors for MINWARA. Both events are covered in this issue of Mineline News on page 6.

This Minelines is the registration issue for the **7th International Monterey Symposium on Technology and the Mine Problem**. This highly successful bi-annual event will follow a similar agenda as in past years, plus the addition this year of coverage on Improvised Explosive Devices (IED). The IED coverage is particularly pertinent, in view of the impact of these devices in the Iraqi portion of the Global War on Terrorism. As before, we anticipate about 250-300 attendees from government, industry, and academia. We also expect the usual attendance from about ten different countries.

With the First Symposium in Monterey in 1995 the Mine Warfare Association came into being. In 2004 MINWARA was joined by SCOT as symposium series sponsor. That partnership continues with the forthcoming SEVENTH Symposium in May, 2006. That partnership has also resulted in the publication of two major research source documents that are announced on Page 6 of this MINE LINES.

At this SEVENTH Symposium we are entering two new applications areas for demining technology. Countering the Improvised Explosive Devices is inherently a land countermine application of vital interest to the Army and Marine Corps. An application that draws more directly on naval mine countermeasures is Port Security. These topics are represented in the plenary papers as well as in four of the technical sessions.

I look forward to seeing many of you in Monterey from May 2-4, 2006.

John D. Pearson
RADM, USN (Ret)
President, MINWARA



SEVENTH INTERNATIONAL SYMPOSIUM ON
**TECHNOLOGY AND THE MINE PROBLEM,
IED AND PORT SECURITY**
NAVAL POSTGRADUATE SCHOOL

The Seventh International Symposium on Technology and the Mine Problem is scheduled for 2-4 May 2006 at the Naval Postgraduate School in Monterey, California. The theme of this year's Symposium has been expanded to include IMPROVISED EXPLOSIVE DEVICES and PORT SECURITY. Approximately 75 papers have been submitted for presentation from government, industry, and academia, with many from international presenters.

Several very 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. The plenary speaker list will be augmented by selected paper presentations of high technical merit and breadth of application.

A "NO HOST" registration will be held the evening of 1 May at the Hilton Monterey, and the Mine Warfare Association will host a Symposium Reception at the Monterey Maritime Museum on Tuesday 2 May.

A bus shuttle will be available from the Hilton and Hyatt hotels each morning and evening as there is no

parking at the Naval Postgraduate School. Please ensure that you register with your full name as it appears on your identification, as badges and identification will be compared upon entry to Naval Postgraduate School.

Friday morning 5 May, there will be a tour of the Fort Ord site UXO remediation effort led by Professor Xavier Maruyama for a limited number of participants. (\$25 sign up fee)

Parallel technical sessions will include:

- Industry Panel I/II
- Sea Environment
- Port Security I/II
- Chemical Sensors
- Directed Energy and Nuclear Sensors
- IED I/II
- Sensor Fusion
- UXO Site Remediation
- Autonomous Vehicles
- Biologically-based Sensors/Biologically-based Robots
- Electromagnetic Sensors
- Airborne MCM

7TH INTERNATIONAL SYMPOSIUM EXHIBITOR OPPORTUNITY

Exhibitors are invited to purchase tabletop display space at the Maritime Museum Reception on Tuesday, May 2. The cost is \$1000. This is an excellent opportunity to interact with the conference attendees in a relaxed atmosphere.

If you are interested, please contact
John Pearson,
757-480-0510,
<jdpearson@msn.com>
or
Carol Long, DMC Companies,
831-373-0508,
<carol@DMCcompanies.com>

ACCESS TO NAVAL POSTGRADUATE SCHOOL

for the Symposium

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 2-5, 2006 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 the site, this will potentially, delay your entry to the proceedings for a period of time on the morning of May 2, in order to obtain approval for access to the Naval Postgraduate School. You are strongly encouraged to register prior to arrival for the symposium.

PARKING

Parking is NOT available at the Naval Postgraduate School.

REMINDER TO NON - U S PARTICIPANTS

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

Non- U. S. 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.

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

Non-U. S. citizens, who register as an attendee for the symposium, will be placed on the Naval Postgraduate School access list for the May 2-5, 2006 period.

ENTRY POINT

All attendees should enter the Naval Postgraduate School at the 10th Street gate on Sloat Avenue in Monterey CA, approximately one block from King Hall auditorium.

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 for the symposium are included in that manual.

Your request to the Defense Attache's office should indicate "To attend the Seventh International Symposium on Technology and the Mine Problem" as the purpose for the visit. The points of contact (POC's) at the Naval Postgraduate School for the visit request 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 March 15, 2006. To verify visit approval by the Naval Postgraduate School, send your inquiry to Mandersen@nps.edu approximately two weeks after original submission of your visit request to your defense attache's office.

No rooms have been blocked at any hotel for this conference. There is a wide variety of hotels located near the Naval Postgraduate School. If you have difficulty finding a room, please call "Resort 2 Me Lodging Reservations" 800-757-5646 831-642-6622

SEVENTH INTERNATIONAL SYMPOSIUM

REGISTRATION FORM

Please Type or Print Clearly

Copy and mail or fax

Full name as it appears on your identification

Mr. Ms. Dr. First Name _____ Middle _____ Last Name _____

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 _____

e-mail _____

Please do not publish the above information.

I have the following Dietary Restrictions:

REGISTRATION FEES

	Before 4/1	After 4/1
General Registration <input type="checkbox"/>	\$450	\$500
MINWARA/SCOT Member <input type="checkbox"/>	\$400	\$450
Active Military <input type="checkbox"/>	\$375	\$425
Maritime Museum Reception Guest <input type="checkbox"/>		\$40
(Your attendance is included in your registration fee.)		
Ft. Ord Site Remediation Tour <input type="checkbox"/>		\$25
(Post Symposium Event limited to the 1st 20 paid registrants)		

Total Enclosed _____

Method of payment:

Check Money Order

Visa/MasterCard American Express

Credit Card # _____

Expiration Date _____

Cardholder _____

Signature _____

Please note that VISA government credit cards issued by Bank of America with account numbers beginning with 4486 1200 are not authorized for use for this conference.

Please use another vehicle for payment.

Please complete this form and send before April 1, 2006. to:

“Seventh International Symposium”

824 Munras Avenue, Suite C, Monterey CA 93940

Phone (831) 373-0508 Fax (831) 373-0460 e-mail conference@dmccompanies.com

Registrations submitted without payment will not be processed.

Make checks payable to “7th Mine Symposium”

Cancellations must be submitted in writing. A \$50.00 processing fee will be retained on all cancellations received before April 1, 2006. No refunds will be issued for cancellations received after April 1, 2006.

Look for more info at <www.demine.org> and at <www.minwara.org>

MINWARA NEWS

MINWARA GOVERNMENT – INDUSTRY DAY

Key government officials and MINWARA corporate members met on October 20, 2005 to review the development and acquisition status of the Littoral Combat Ship (LCS) and associated mine warfare mission modules. The intent of the meeting was to provide any newly needed effective ideas and methodologies to further improve the development and acquisition process and products. The acquisition program presently appears to be making satisfactory progress. A second meeting of this type will be scheduled, as deemed necessary by MINWARA corporate members. Government speakers included:

OSD (AT&L) – Ms Darlene Costello
SECNAV DASN LMW – Mr. Roger Smith
OPNAV N76B – RDML Mark Buzby
PEO SHIPS – RADM Charlie Hamilton
PEO LMW – RDML Bill Landay
OPNAV N75 – MGEN Gordon Nash
COMINEWARCOM – RDML Deborah Loewer

ANNOUNCING PUBLICATION REFERENCE BOOKS ON DEMINING TECHNOLOGIES

The MINE WARFARE ASSOCIATION (MINWARA), the SOCIETY FOR COUNTER-ORDNANCE TECHNOLOGY (SCOT) and the Author/Collaborators take great pleasure in announcing publication and immediate availability of two major technology reference sets.

APPLICATIONS OF TECHNOLOGY TO DEMINING: in two printed volumes -1500 pages

A COMPENDIUM OF TECHNOLOGIES TO COUNTER IMPROVISED EXPLOSIVE DEVICES (IED): in two printed volumes -1100 pages

ORDERING DETAILS:

Abrego Print and Copy, 528 Abrego Street, Monterey, CA 93940. Tel + (831) 333.9036; FAX + (831) 333.9040 E-mail <abregoprint@yahoo.com>

Albert M. Bottoms, SCOT
Clyde L. Scandrett, PhD, Naval Postgraduate School

MINWARA ANNUAL MEMBERS' MEETING

The 2005 Annual Members' Meeting was also held on October 20 to review the status of the association and elect a new slate of officers and directors. The financial/member status, a review of the 2005 Panama City Conference, and a preview of the upcoming 7th Monterey Symposium (2-5 May 2006) were included in the agenda. The members elected the following officers and directors:

Officers (Officers are also members of the Board of Directors)

President – RADM John Pearson, USN (Ret)

Vice President for Navy Affairs – RADM Chuck Horne, USN (Ret)

Vice President for Marine Corps Affairs – MGEN Harry Jenkins, USMC (Ret)

Vice President for Army Affairs and for Technology – Mr. Dave Heberlein

Vice President for Academic Affairs and MINWARA Secretary – Mr. Lee Hunt

Directors (in addition to officers serving as directors)

VADM Hank Giffin, USN (Ret)

RDML (RET) Rick Williams, III

CAPT Dave Holt, USN (Ret)

CAPT Barry Dagnall, USN (Ret)

COL Hal Linton, USAF (Ret)

LCOL Frank Paca, USA (Ret)

Mr. Ron Blue

Mr. Dale Gerry

Mr. Dan Howard

Mr. Jim Martin

Dr. Scott Truver

The MINWARA finances are managed by the DMC Companies in Monterey CA under contract for meeting management functions for MINWARA. The Board of Directors approves financial policy and oversees revenues and expenses.

MEMBERSHIP APPLICATION

Copy, fill in and mail with payment

The Mine Warfare Association
c/o The DMC Companies

824 Munras Ave., Suite C, Monterey CA 93940, phone: (831) 373-0508, e-mail: carol@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) |
|-----------------------------------|-------------------|---------------|
| <input type="checkbox"/> Bronze | \$500 | (0/2) |
| <input type="checkbox"/> Silver | \$1000 | (0/4) |
| <input type="checkbox"/> Gold | \$2000 | (1/2) |
| <input type="checkbox"/> 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. Hopefully, this clarifies any confusion on these issues.

PROFESSIONAL INTERESTS

Operational:

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

Geophysical Interests:

- Land
- Surf Zone
- Deep Water
- Beach
- Shallow Water

Language skills (Please specify): _____

Willingness to Serve MINWARA:

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

Method of payment:

- Check
- Visa/MasterCard
- Money Order
- American Express

Credit Card # _____
Expiration Date _____
Cardholder _____
Signature _____

Remittance: U.S Dollars Check or Money Order payable to Mine Warfare Association. Please note that VISA government credit cards issued by Bank of America with account numbers beginning with 4486 1200 are not authorized for use.

Please use another vehicle for payment.

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Permit NO. 244

MINE LINES

C/O THE DMC COMPANIES

824 Munras Ave., Suite C
Monterey, CA 93940

CORPORATE MEMBERS

Platinum

The Boeing Company
Defence Science and Technology Office, Ministry of Defence, Australia
EDO Defense Systems
Lockheed Martin Corporation
Naval Surface Warfare Center, Panama City, FL
Northrop Grumman Systems Corporation, Integrated Systems
QinetiC
Thales Underwater Systems

Gold

Atlas Electronik GmbH
PEO, LMW Explosive Ordnance Disposal (PMS-408)
PEO, LMW Mine Warfare (PMS-495)
Raytheon Naval and Maritime Integrated Systems

Silver

Anteon Corporation
DCN International
L-3 Communications Klein Associates, Inc.
The Navy & Marine Association

Bronze

Advanced Acoustics Concepts
AgustaWestland, Inc.
ATSA Defence Services
Bluefin Robotics
DWS International Inc.
Dynamics Technology, Inc.
Hydroid, Inc.
Kaman Aerospace Corporation
National Defense Center for Research in Ocean Sciences (CEROS)
Northrop Grumman Systems Corporation, Oceanic and Naval Systems
RD Instruments
SODERN
Swath Ocean Systems, LLC
Technical Systems Integration
VSE Corporation