



Areté
Associates



EDO corporation
GLOBAL TECHNOLOGY REACH



NORTHROP GRUMMAN
Integrated Systems

THALES



EXHIBITORS

Anteon Corporation

Arete Associates

EDO Marine and Aircraft Systems

Hydroid, Inc.

Klein Associates, Inc.

Naval Postgraduate School Undersea Warfare Research Center

Naval Surface Warfare Center, Dahlgren Division, Coastal Systems Station

Northrop Grumman Systems Corporation Intergrated Systems

QinetiQ

Thales Underwater Systems

Ultra Electronics - Signature Management Systems

MINWARA Spring Regional Meeting

SEA MINE WARFARE SECOND ASSESSMENT UPDATE

Monday, 5 May

to

Thursday, 8 May 2003

**BAY POINT MARRIOTT
RESORT**

PANAMA CITY, FLORIDA



CONFERENCE AGENDA

MINWARA CORPORATE MEMBERS

THURSDAY, 8 MAY

PLATINUM

The Boeing Company
Defence Science and Technology Office, Ministry of Defence, Australia
EDO Marine and Aircraft Systems
Lockheed Martin Corporation
Naval Surface Warfare Center, Dahlgren Division, Coastal Systems Station
Northrop Grumman Systems Corporation, Integrated Systems
Thales Underwater Systems

GOLD

Raytheon Naval and Maritime Integrated Systems

SILVER

Anteon Corporation
Areté Associates
Klein Associates, Inc.
The Navy and Marine Association

BRONZE

AgustaWestland, Inc.
Dynamics Technology, Inc.
Kaman Aerospace Corporation
National Defense Center for Research in Ocean Sciences
Northrop Grumman Systems Corporation, Oceanic and Naval Systems
RD Instruments
QinetiQ
SODERN

- 0800 Training Initiatives for Mainstreaming Mine Warfare
*CAPT Rick Rush, USN, CO, Mine Warfare Training Center**
- 0845 Navy Special Clearance Team One
(NSCT-1 formerly Navy/Marine Corps Very Shallow Water Detachment) Operation Iraqi Freedom NSCT-1 MCM Ops and NSCT-1 CONOP
*CAPT Tom Green, USN, PMS-EOD**
- 0930 Break
- 1000 Assault Breaching Systems- Issues/Status
*Mr. Brian Almquist, ONR**
- 1045 UUV Test Results and Future Plans
*CAPT John Lambert, USN, PMS 403**
- 1130 Conference Wrapup
*MINWARA President**
- 1200 No Host Luncheon

* indicates speaker confirmed barring unforeseen circumstances/unavoidable schedule changes

WEDNESDAY, 7 MAY

**SEA MINE WARFARE
SECOND ASSESSMENT UPDATE
5-8 May 2003, Panama City FL**

- 0800 Mine Warfare Capabilities Requirements for Sea Shield/Sea Power 21
*RADM Mark Edwards, USN Opanav N76B**
Opanav Resource Sponsor Plans for Mine Warfare Capabilities
*MGEN Jim Battaglini, USMC, Opanav N75**
- 0915 Break
- 1000 Plans/Implementation for Populating the Mine Warfare Environmental
Data Base
*RDML Tom Wilson, USN, Oceanographer of the Navy**
- 1045 Dedicated MCM Force Issues: Modernization/Future Force Structure
including SMCM, AMCM, UCMC
*Capt Randy Young, USN, Chief of Staff, COMINWARCOM**
- 1130 Vision for Future Mining in Sea Power 21
*CAPT Terry Briggs, USN, PMS 490**
- 1215 Lunch
- 1330 Acquisition Programs Status
*Mr. Jim Thomsen, Deputy PEO, Littoral and Mine Warfare (program
managers assist)**
- 1500 Break
- 1530 Industry Panel- Perspectives and Recommendations for the Way Ahead
Moderator:
*RADM Fran Holian, USN(Ret), Northrop Grumman**
Panel Members:
*Mr. Dan Howard, Lockheed-Martin**
*Mr. Wayne Iurillo, Raytheon**
*Mr. Dan Jones, Boeing**
*Mr. Frank Otto, EDO**
*Mr. Bill Key, Klein Associates**
- 1745 CSS Open House/Shrimp Boil
Shuttle bus provided between the Marriott and CSS continuously from
1700-2200.

Fourteen flag and general officers, representing the most senior leadership in the U. S. Navy and U. S. Marine Corps provided speeches or presentations at our last regional conference, in Panama City FL on SEA MINE WARFARE: FIRST ASSESSMENT UPDATE. The key speakers included Admiral Vern Clark, USN (CNO), Admiral Bob Natter, USN (COMLANTFLT), Admiral Stan Arthur, USN(Ret), BGEN Gordon Nash, USMC, and a senior flag leadership panel (Opanav N70, N75, N76B, N77B, and N780). A wide spectrum of issues was discussed, based on the presentations above and on remaining presentations. These included, in part:

- Future retention of the MCS functional capability/replacement of USS INCHON
- Retention/replacement of MH-53E's
- Operational/host platforms for MH-60's
- Modernization of dedicated mine warfare forces
- Balance of resources between organic and dedicated mine warfare forces
- C4ISR requirements for mine warfare operations
- Submarine force emerging missions and roles in mine warfare
- A modern, adequate mining capability with associated mining infrastructure support to update/replace declining mining capability

Our theme for this conference will be Sea Mine Warfare: Second Assessment Update. This continues from where we left off, at the last regional conference in July 2001. The issues discussed are still relevant and have been further refined by concepts, studies, events and budget issues, in our Navy and internationally since the last conference.

We have attracted the same level of senior Navy – Marine Corps leadership, as before, to address these issues. Since the last conference, a number of key conceptual statements and studies have directly addressed sea mine warfare as follows:

- December 2001 PEO MUW study titled “End to End Assessment of Organic Mine Countermeasures Operations and Communications in 2007”
- February 2002 CINCLANTFLT (now COMLANTFLT) study on “Mine Warfare: The Way Ahead”
- October 2002 CNO U. S. Naval Institute Proceedings article titled “Sea Power 21: Projecting Decisive Joint Capabilities”
- November 2002 U. S. Naval Institute article titled “Sea Shield: Projecting Global Defensive Assurance”
- January 2003 U. S. Naval Institute article titled “Access Is Not Assured” by Admiral Robert J. Natter, USN

This conference is sponsored by the Mine Warfare Association, Naval Postgraduate School Undersea Warfare Research Center and NSWC, Dahlgren Division, Coastal Systems Station. The tentative agenda follows.

AGENDA

MONDAY, 5 MAY

- 1015-1600 Golf Tournament-Bay Point Meadows
- 1400 Registration opens at Bay Point
- 1800-1900 Pre-banquet Reception- St. Andrews V&VI
- 1900-2100 Banquet- St. Andrews I&II
Guest Speaker:
*ADM Vern Clark, USN, Chief of Naval Operations**

TUESDAY, 6 MAY

- 0730 Welcome-Theme Setting
*RADM John Pearson, USN(Ret) MINWARA President**
- 0740 Welcome Address
*CAPT. Fred Shutt, USN-Commanding Officer, Coastal Systems Station**
- 0750 Welcome-Reiteration of Theme
*MGEN Jim Battaglini, USMC, Opnav N75**
- 0800 COMINELWARCOM Current Operations and Mine Warfare Vision
*RDML Paul Ryan, USN, COMINELWARCOM**
- 0845 Keynote Address
*ADM Bob Natter, USN, COMLANTFLT/Commander, Fleet Forces Command (CFFC)**

TUESDAY, 6 MAY CONTINUED...

- 0930 Break
- 1000 Keynote Address
USMC Power Projection Requirements-Progress
*LTGEN Buck Bedard, USMC, Deputy Commandant for Plans, Policies, and Operations**
- 1045 Mainstreaming Mine Warfare-COMINELWARCOM Issues/Perspectives including MCS/HSV/LCS issues
*RDML Paul Ryan, USN, COMINELWARCOM**
- 1130 CVBG/ARG MIW CONOPS-Lessons learned since 2001 promulgation
*RADM Jim Stavridis, USN, COMCRUDESGRU 12**
- 1215 Buffet Lunch-Guest Speakers available
- 1330 Sea Shield: Mine Warfare Sea Trial Experimentation Issues/Plans
*CAPT Rich Medley, USN, NWDC Concepts Director**
- 1415 Submarine Forces Missions and Roles in Mine Warfare
*VADM John Grossenbacher, USN, COMSUBLANT/COMNAVSUBFOR**
- 1500 Break
- 1530 PEO MUW 2001 End to End Assessment of Organic MCM Operations and Communications in 2007
*CAPT Vito Jimenez, USN, PMS-210**
- 1615 Maritime Homeland Security/Defense (MHLS/D) MCM Requirements
RADM Stanton Thompson, USNR, COMNORTHCOM J-5 (Invited)

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