



State of the Undersea Warfare Division 28 March 2006

Tom Casey
Chair
Undersea Warfare Division



USW Division Goals

- **Become a stronger advocate for industry by:**
 - Increasing our relevance and value to Navy
 - Supporting Navy in issues they are wrestling with
- **Expand USW Division working relationships to encompass the broader Navy**
 - Through technical committee Navy Sponsors (Liaisons)
 - Increase interaction with Universities and Laboratories
 - Increase UWD interactions and visits w/ sponsors
- **Be a part of the Navy/Lab team that attacks issues**
 - Tech. Committees work w/ Universities and Navy Labs
 - Considering Joint NDIA NUWC Distributed Netted Sensors Conference for November
 - Propose assessments and new capabilities to the Navy
 - Help the Navy identify requirements & capabilities

05 Accomplishments

- **Fleet Visit by UWD & SLAAD to Atlantic Fleet Commands 29 Nov – 1 Dec N**
 - **Joint Forces Command (JFCOM)**
 - **Commander Second Fleet (COM2ndFLT)**
 - **Commander Naval Air Forces/Commander Naval Air Forces Atlantic (COMNAVAIRFOR/COMNAVAIRLANT)**
 - **Commander Naval Network Warfare Command (COMNAVNETWARCOM)**
 - **Commander Fleet Forces Command (CFFC)**
 - **Deputy Commander Naval Surface Forces/Commander Naval Surface Forces Atlantic (DCOMNAVSURFFOR/COMNAVSURFFOR)**
 - **Commander Submarine Forces/Commander Submarines Force Atlantic (COMSUBFOR/COMSUBLANT)**
- **Funded 3 PhD. Scholarships of \$3,000 each**
 - Megan Sue DeWitt, @ ARL, Penn State
 - Edward Limbaugh @ ARL, University of Texas
 - Eric Rehm @ APL, U of Wash. The Pennsylvania State University
- **Fall Bronze Distinguished Accomplishment Awards:**
 - Mr. Joseph M. Clements, Applied Research Laboratories, University of Texas
 - Mr. William H. Andresen, NUWC, Newport
 - Mr. Robert O'Connor, NUWC, Newport
 - Dr. Bruce Newhall, The Johns Hopkins University, Applied Research Laboratory
 - Mr. Larry Johnston, Naval Air Warfare Center
 - Mr. Richard M. Arrietta, Space and Naval Warfare Systems Center
- **Spring Awards**
 - VADM Charles Martell/ David Bushnell
 - VADM Charles Weakley
 - CAPT George Ringenberg Award



'05 Accomplishments

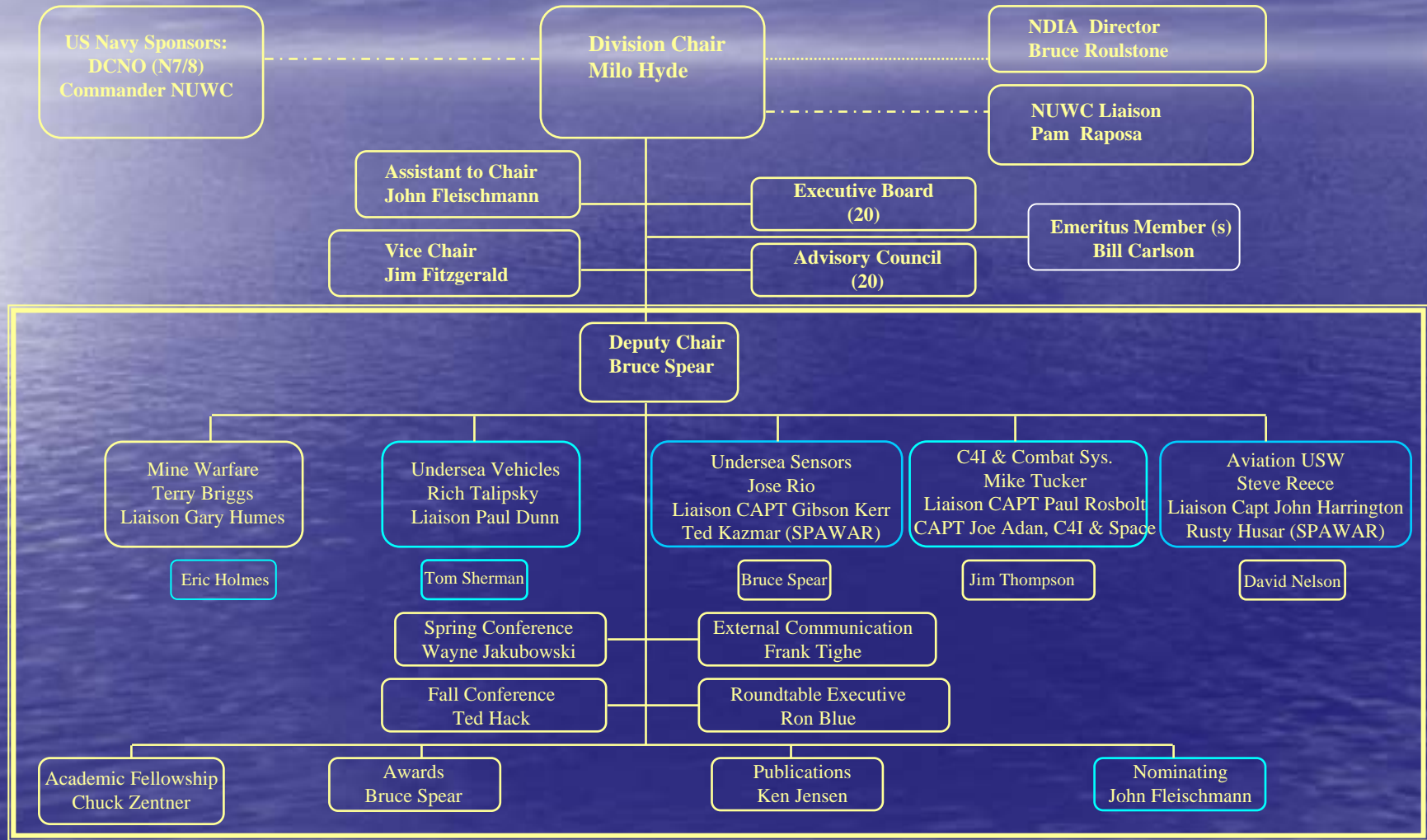
- Spring/Fall Conference Attendees: '05 - 545/804, ('04 - 501/802), ('03 - 426/757)
- Summer Roundtable with Navy liaisons to Technical Committees : CAPT Paul Rosbolt, CAPT Gib Kerr, Gary Humes, Jim Thomsen, CAPT John Harrington
 - Navy Liaisons briefed USW perspective and challenges in their respective areas.
- Fall Roundtable with RDML Bill Landay, PEO Littoral and Mine Warfare
 - Admiral Landay briefed on an impressive range of activities and programs under his command
- Winter Roundtable with RDML Willie Hilarides, PEO SUBS
 - RDML Hilarides described his goals for submarine force structure and sustainment of USW capability



Study Progress

- Undersea Vehicles
 - UUV Open Architecture Study; Final Report delivered to: *Sponsors CAPT J. Lambert, PMS-403, and CAPT P. Ims, PM for Unmanned Undersea Vehicles*
- Sensors Committee
 - Littoral ASW Technology Trade-off Study briefed (13 Feb.) to Sponsor, RADM Mark Edwards, Director Sea Shield (N 701)
 - LASW Study also briefed to Academy of Sciences, Naval Studies Board (22 Sept.)
 - New Study: Distributed Netted Sensors kicked off on 22 Dec.
 - Supported by Sensors, C4ISR and Vehicles Technical Committees
 - New concepts and CONOPS in progress
- C4I/Combat System Committee
 - New Study: ASW Common Tactical Picture – ASW CTP
 - Information Exchange and Presentation,
 - Communication,
 - Integration and Interoperability,
 - Extensibility and Deployment

NDIA Undersea Warfare Division Management TEAM





Future Events

- Fall Clam Bake @ Sub Base, 11-14 September
 - Parallel Sessions for Sensors Committee
- Spring Conference – San Diego, March '07 TBD
- Policy and Technical Sponsors' Roundtables
 - RADM Mark Edwards and/or New Policy Sponsor
 - New Technical Sponsor, Commander Naval Undersea Warfare Center
- Fleet Visit – Pacific Fleet Commands, Hawaii and San Diego - November
- Start New Studies
- Award 3 PhD Fellowships
- More information on website: NDIA.org