

Daniel M. Wise (Dan), Ph.D., P.E. Captain, United States Navy (Ret)

Summary

- Business development director with Siemens Government Technologies Marine Division, a subsidiary of Siemens AG. Addressing technical product introduction to the federal government in general and US federal marine markets in particular. Area of concentration has been marine propulsion systems and fuel cell applications.
- Vice President and Chief Engineer heading the engineering program for DRS Technologies Marlo Coil Division, an HVAC&R systems manufacturer, responsible for component and systems design, overall product development as well as the professional development of engineering and project management staff.
- Over twenty years of experience in significant operational, leadership, management and applied engineering positions in the US Navy; proven record driving successful programs, developing people, solving tough technical problems.
- Extensive program and project management experience associated with maintenance and modernization of surface ship and submarine systems. Operational fleet experience as well as professional engineering assignments at industrial shore activity, shipyard, afloat maintenance activity, fleet staff, and program office assignments.

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- June 2014 – Present: **Business Development Director, Federal Marine Programs**, Siemens Government Technologies. Responsible for identifying and pursuing program opportunities in all federal agencies engaging in marine operations. Responsible for mapping existing Siemens commercial marine solutions to US Navy applications.
 - August 2013 – June 2014: **Mechanical Engineering Faculty**, Colorado State University. Full time, non-tenure track faculty member teaching undergraduate thermal sciences and general engineering courses to include thermodynamics, energy engineering, thermal sciences laboratory, and building energy (HVAC) systems.
 - January 2010 – August 2013: **PhD Student and Research Scientist**, Colorado State University. Returned to an academic environment to refresh technical knowledge and skills and revive credentials as a professional engineer and technical manager. Specializing in power generation and energy systems, Ph.D. degree conferred May 2013. Simultaneously completed the Executive Master in International Business degree at St Louis University, EMIB degree conferred August 2013. Post-doctoral scholar and research scientist, University of California San Diego. Working out of the Engines and Energy Conversion Laboratory at Colorado State University expanding on research related to biomass derived producer gas performance in spark ignited engines.
 - July 2007 – October 2009: **Vice President, Engineering**, DRS Technologies, Marlo Coil, High Ridge, Missouri. Senior engineer for a DRS Technologies division engaged in the design and manufacture of heat exchangers, air handlers, and cooling/refrigeration systems for marine and custom industrial applications. Leading a small engineering organization developing the capacity to grow and strengthen technical capabilities to undertake more sophisticated design and manufacturing activities. Established a

formal project management organization within the engineering department, training project managers and instituting disciplined project oversight to support substantial process improvement and manufacturing innovation.

- September 2004 – June 2007: **Senior Director, Business Development**, Siemens Government Business Office, Washington, DC, Siemens One, USA. Supporting Siemens operating companies pursuing business opportunities in the US federal market. Specific emphasis in support of Siemens operating companies pursuing opportunities with the US Navy and Coast Guard, other Department of Defense agencies, State Department, and various other federal agencies.
- August 2002 – August 2004: **Commanding Officer**, Crane Division, Naval Surface Warfare Center, Crane, IN. Providing engineering and industrial base support in the areas of electronic systems development, electronic warfare systems, and ordnance engineering. Workforce of over 3200 civilian and military personnel, 1000 support contractors, \$1.3 Billion annual business operations.
- August 1999 – August 2002: **SIXTH Fleet Maintenance Officer**, Naples, Italy. Providing maintenance and logistics support to US and allied ships and operational fleet units throughout Europe and the Middle East.
 - Focused on identifying methods of improved fleet support in an environment of reduced maintenance infrastructure and budgeting. Sustain fleet material readiness during simultaneous overall reduction in maintenance performed prior to and during extended deployments.
 - Carried out immediate response to enable recovery from catastrophic events such as the groundings of USS UNDERWOOD (FFG 36) and USS SHREVEPORT (LPD 12), and the bombing of USS COLE (DDG 67).
 - Coordinated conduct of continuous maintenance programs for all ships deployed to SIXTH and FIFTH Fleet areas of responsibility (Northern Europe, Mediterranean Sea, and Persian Gulf).

Previous Navy Experience

- Department Head - Business Officer, Portsmouth Naval Shipyard, Portsmouth, New Hampshire
- Submarine Force Repair Officer at Commander, Submarine Forces, U.S. Pacific Fleet, Pearl Harbor, Hawaii
- Submarine Tender Repair Officer, USS SIMON LAKE (AS 33), LaMaddelena, Italy: a "Shipyard Afloat" with 850 craftsmen and full range of marine industrial capability
- Auxiliaries and Electrical Inspector, Submarine Board, President, Board of Inspection and Survey (INSURV)
- Officer in Charge, Ship Repair Unit, Dubai, U.A.E., Deputy Project Manager for mine damage repair and recovery of USS PRINCETON (CG 59)
- Fleet Liaison Officer, Naval Sea Systems Command, Trident Submarine Program Office (PMS 396)
- Submarine Overhaul Project Manager, Docking Officer, Submarine Type Desk Officer; Puget Sound Naval Shipyard, Bremerton, Washington
- Various shipboard (destroyer and submarine) and shipyard tours and service schools. Surface Warfare Officer and Submarine Warfare (Engineering Duty) qualified.

Education

- Bachelor of Science, Mechanical Engineering, Oklahoma State University
- Master of Science, Mechanical Engineering, Oklahoma State University
- Executive Master of International Business, Saint Louis University
- PhD, Mechanical Engineering, Colorado State University

Personal/Other

- Captain, United States Navy, Engineering Duty Officer (Retired)
- DAWIA {Defense Acquisition Workforce Improvement Act} Level III Certification (Manufacturing)
- Professional Engineer (Texas PE # 63079)