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## **Edward S. Ammeen, Ph.D.**



### **Director for Marine Engineering Naval Sea Systems Command**

Dr. Ammeen was selected for the Senior Executive Service in June 2013 to serve as Director for Marine Engineering within the Naval Systems Engineering Directorate of the Naval Sea Systems Command (NAVSEA). He is the NAVSEA technical authority Deputy Warranting Officer and Technical Domain Manager for Marine Engineering, where he sets and maintains Marine Engineering technical authority policy and procedures. As the Marine Engineering Competency Domain Manager in the NAVSEA Research and Systems Engineering Competency, Dr. Ammeen provides leadership and guidance of technical authority execution, stewardship, business operation and workforce talent management for the Marine Engineering Competency.

From October 2012 to June 2013, Dr. Ammeen served as the Technical Director for the OHIO Replacement Program. He directed interdisciplinary systems engineering teams responsible for ship design and integration, logistics, reliability, maintainability and technology development and engineering.

From December 2009 to October 2012, Dr. Ammeen served as the Ship Design Manager for VIRGINIA Class Submarine Cost Reduction and Block Upgrade. He was responsible for design for affordability, reduction in total ownership cost and advanced capability design initiatives for the VIRGINIA Class Submarine Program.

Between 2003 and 2009, Dr. Ammeen served as the Head, Maneuvering and Control Division in the Hydromechanics Department of the Naval Surface Warfare Center, Carderock Division. In this capacity, Dr. Ammeen was responsible for the stewardship of Navy submarine hydrodynamics, stability, maneuvering and control knowledge areas.

Dr. Ammeen entered Federal Government service in July 1985 at the Department of Commerce, Patent and Trademark Office as a Patent Examiner. In January 1990, Dr. Ammeen transferred to the Department of the Navy, David Taylor Research Center, Bethesda, Md. (currently Naval Surface Warfare Center, Carderock Division) in the Ship Dynamics Simulation Branch. He held positions with increasing levels of responsibility through his transfer to Naval Sea Systems Command in December 2010.

Dr. Ammeen earned a bachelor's of engineering degree in mechanical engineering from Youngstown State University in March 1985, a master's of science degree in electrical

engineering from George Mason University in August 1990 and a doctor of philosophy in information technology from George Mason University in January 1995. In 2003, Dr. Ammeen was DAWIA Level III certified in Systems Planning, Research, Development and Engineering and became a Defense Acquisition Corp Member in 2009. He is a Lean Six Sigma Greenbelt. Dr. Ammeen has received numerous awards over his career and has numerous publications on marine engineering and vessel topics.