
Melissa Smoot



Submarine Integrated Power Systems Advisor Naval Sea Systems Command

Ms. Smoot is currently the Submarine Integrated Power System Technical Advisor to the Director for Marine Engineering with the Naval Systems Engineering Directorate of the Naval Sea Systems Command (NAVSEA). She provides stewardship of the submarine integrated power systems technical area to address design, testing, and performance issues as well as create and mature the processes, specifications, and standards necessary to support current and future integrated power system capabilities.

Ms. Smoot was selected for appointment as a Senior Leader in April 2017. She has seven years of experience as a civil servant. From June 2015 until April 2017, she served in the Naval Systems Engineering Directorate of NAVSEA as the engineering manager for the main propulsion motor drive (MPD) in the integrated power system for the future Columbia Class ballistic missile submarine. She was responsible for MPD technical and programmatic performance, including technical analyses and evaluations, to ensure the MPD design met component and system requirements.

From September 2011 to June 2015, Ms. Smoot served as Electric Ships Office (PMS 320) Technical Director in Program Executive Office (PEO) Ships. She was responsible for the technical quality of systems engineering efforts for all PMS 320 programs. She directed several studies to assess feasibility and establish requirements for future ship designs, and managed the development of the Naval Power and Energy Systems Technology Development Roadmap.

Ms. Smoot served in the United States Navy from 1982 to 2007, retiring in the grade of Commander with 25 years of service. She was an Engineering Duty Officer, and her tours of duty spanned the operational, maintenance, acquisition, naval nuclear propulsion, and Naval Special Warfare communities. In the Naval Special Warfare (NSW) program office (PMS 340) in PEO Littoral and Mine Warfare, she was responsible for an advanced concept technology demonstration of a clandestine and networked intelligence, surveillance, and reconnaissance sensor system. She served the NSW community as squadron maintenance officer for Special Boat Squadron Two, responsible for maintenance, safety, and engineering readiness for nine Patrol Coastal (PC) Class ships

and an assortment of Mark V Special Operations Craft and other combatant craft. She is a veteran of Operation Desert Storm in 1991, deploying on USS Yellowstone (AD 41), and Operation Iraqi Freedom in 2006, serving in Baghdad, Iraq.

Ms. Smoot is a member of the Acquisition Professional Community. She graduated from Princeton University in 1982 where she earned a bachelor's of science degree in electrical engineering. She is a 1994 graduate of the Massachusetts Institute of Technology where she earned the degrees of Naval Engineer and a scientific master's in electrical engineering. In 2001, she earned a master of business administration degree from Old Dominion University. Ms. Smoot's military decorations include the Meritorious Service Medal (2), Joint Commendation Medal, Navy Commendation Medal, Navy Achievement Medal (2), and various unit commendations.