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## J. Carey Filling



### **Director for Surface Ship Design and Systems Engineering Naval Sea Systems Command**



Mr. Filling currently serves as the Director for Surface Ship Design and Systems Engineering (SEA 05D). In this position he is head of the Group within the Naval Sea System Command's Naval Systems Engineering Directorate that provides the technical leadership to ensure current and future U.S. Navy surface ships can safely and effectively perform mission requirements.

Mr. Filling was promoted to the Senior Executive Service in February 2019. He has a total of 10 years of Civilian Service in the Federal Government. After serving as a NAVSEA contractor for 16 years, his federal career began in 2009 where he managed the ship concept development for the DDG 51 Destroyer Flight Upgrade Study as the Senior Ship Concept Manager (SSCM), seeking to provide Integrated Air and Missile Defense (IAMD) improvements to this formidable platform.

In 2010, Mr. Filling served as the warranted Senior Ship Design Manager (SSDM), DDG 51 Flight III Destroyer / Future Surface Combatant for NAVSEA 05D2. He executed the systems engineering effort to develop technically feasible ship concept designs which integrated the Air and Missile Defense Radar (AMDR) into the DDG 51 FLT IIA Platform including upgrades to power and cooling architectures.

He subsequently was selected as the Director for the U.S. Navy's Naval Sea Systems Command (NAVSEA) 05D2 – Surface Combatant & Mine Warfare Ships Design and Engineering Directorate in 2012. He was responsible for the design and engineering management of the DDG 51 FLT IIA Burke Class Destroyer, DDG 51 FLT III Destroyer, DDG 1000 Zumwalt Class Destroyer, Littoral Combatant Ship Freedom Variant, Littoral Combatant Ship Independence Variant, LCS Mission Modules, FFG(X) Future Frigate, Saudi Multi-Mission Surface Combatant (FMS), and ship-launched Unmanned Maritime Systems (UMS).

Mr. Filling holds a Bachelor of Science degree in Naval Architecture & Marine Engineering from the Webb Institute of Naval Architecture, and both a Masters of Business Administration (MBA) and a Master of Science in Supply Chain Management & Information Technology from the Robert H. Smith School of Business at the University of Maryland. He is a Defense Acquisition Workforce Improvement Act (DAWIA) Systems Planning, Research, Development and Engineering (SPRDE) Level III certified professional. He is the 2010 recipient of the American Society of Naval Engineers (ASNE) Frank G. Law Award for outstanding contribution to the advancement of the society through dedicated and exemplary service. He is a member of the Society of Naval Architects & Marine Engineers.