

---

## Eric C. Dunan



### **Director, Ship Integrity & Performance Engineering Naval System Engineering Directorate Naval Sea Systems Command**

Mr. Duncan is the Group Director, Technical Domain Manager and Deputy Warranting Officer, for Ship Integrity and Performance Engineering (SEA 05P) in the Naval Sea System Command, Naval Systems Engineering Directorate. In this position, he is responsible for leading and managing a workforce of over 100 government, military and contractor personnel, including 38 Technical Warrant Holders, and overseeing technical authority execution across a competency domain of over 1500 people in the Warfare Centers. Core engineering functions include Surface Ship, Submarine and Aircraft Carrier Signatures and Susceptibility, Vulnerability, Shock, Damage Control and Firefighting, Chem-Bio Defense, Ship and Submarine Structural Integrity, Structural Deep Submergence Systems, Corrosion Control, Metallic and Non-Metallic Materials, Welding, Fuels and Lubricants, Environmental Protection, Weights, Stability, Hydrodynamics and Arrangements for all in-service and new acquisition ships and submarines. He reports to the Deputy Commander/Chief Engineer (CHENG) and the Executive Director of the Naval Systems Engineering Directorate

Mr. Duncan's federal career began in 1983 as a project engineer responsible for damage control and survivability equipment test and evaluation at the Naval Ship Systems Engineering Station, Philadelphia. Over the course of his thirty-four year career, he has held a variety of key leadership positions with significantly increasing levels of responsibility, authority, and accountability. These included Ship Protection Section Head, Ship Survivability and Structural Integrity Branch Head, and Non-Destructive Evaluation and Welding Branch Head at NAVSSES. In 2001, he was selected as the Submarine Programs Integration Manager for the Survivability, Structures and Materials Department at NSWC Carderock.

In 2003, Mr. Duncan became Head of the Survivability and Weapons Effect Division, overseeing a workforce of over 150 scientists and engineers and associated facilities. His Division was responsible for developing advanced technologies and providing critical technical expertise across the damage tolerance (vulnerability and recoverability) and weapons effectiveness domains. He also served as the Core Equity leader for the Vulnerability and Survivability Systems in the Warfare Center.

He subsequently was selected as the Deputy Group Director for the Ship Integrity and Performance Engineering Group at the Naval Sea Systems Command from 2011 to 2015. Most recently, he was the Department Head of Naval Architecture and Engineering at the Naval Surface Warfare Center, Carderock Division where he lead a team of over 700 people with more than \$180 million in annual customer funding, and was directly responsible for overseeing more than \$2 billion in hydrodynamic test facilities, including several one of a kind, world-renowned, national assets. He joined the Senior Executive Service in 2017 when he was selected as the Group Director for Ship Integrity and Performance Engineering.

Mr. Duncan holds a Bachelor of Science degree in Engineering from the University of Pittsburgh, a Master of Science degree in Engineering from the University of Pennsylvania, and is a graduate of the Harvard Kennedy School of Government, Senior Executive Fellows Program. Mr. Duncan is the recipient of the Philadelphia Federal Executive Board, Supervisor of the Year Award, NAVSEA Technical Authority of the Year Award, and the Navy Meritorious Civilian Service Award.