



Gene M. Cumm

Director
Long Range Air Defense Programs
Maritime/Land Sensors & Systems Division
Northrop Grumman Corporation

Gene M. Cumm currently serves as the Director, Long Range Air Defense Programs. In this role, which he assumed in 2020, Mr. Cumm is responsible for capture and execution of business related to ground-based radars, communications networks and biological detection systems for US and Allied forces.

In 1990, upon receiving his bachelor's degree in Electrical Engineering from the University of Maryland, Mr. Cumm began his career with the corporation in the Oceanic Division in Annapolis, Maryland. Upon joining the company, and until 1996, Mr. Cumm supported the US Navy Mine Countermeasures Squadrons at NAS Norfolk and NAS Alameda as a field engineer on the AQS-14 Mine Hunting Sonar and ALQ-141 Mine Countermeasures programs.

From 1996 to 2000, he served as Engineering Manager for the Airborne Mine Countermeasures programs. In this role he managed the incorporation of laser line scan technology for Mine Identification into the AQS-24 towed mine detection system.

From 2000 to 2004, he served as Program Manager for the Airborne Mine Counter-Measures and Advanced Sonar Technologies programs. In this role, he led the successful production and fielding of the AQS-24 laser upgrade and development of the Slow Speed Synthetic Aperture Sonar (SSSAS) program. SSSAS proved the ability to image targets at high resolutions and long ranges. This technology has transitioned into a number of NGUS programs including the AQS-24.

From 2004 to 2007, he served as Deputy Director for the Advanced Undersea Systems programs at the corporation's System Development & Technology (SD&T) division. During this period, he led the capture of the Ship Protection System (SPS); DARPA's Distributed Netted System (CNAV) program; the DARPA Underwater Express program; and the FMS Egyptian Navy Fast Missile Craft (ENFMC) combat system program. Also, in this capacity, he led the successful execution and delivery of the USN's first mine hunting Unmanned Surface Vehicle (USV) program (Spartan) and the Integrated Combat Management System (ICMS) for LCS-2.

From 2007 to 2011, he served as Director, Advanced Integrated Systems, which focused on unmanned systems, distributed netted systems, and advanced surface ship combat system programs. In this role, he led the capture and execution of Anti-Submarine Warfare technology development programs including CNAV Phase 2 and the ASW Continuous Trail Unmanned Vessel (ACTUV).

From 2011 to 2013, he was Director, Business Development for the Undersea Systems business unit and spearheaded the re-entry of Northrop Grumman into the torpedo market with the capture of the MK54 Lightweight Torpedo Acoustic Nose Array contract.

From 2014 to 2016, he served as Director, Littoral and Mine Warfare Systems. In this role, he was responsible for mine warfare programs, domestic and international, including capture and execution. In 2016, this role was expanded to the Director, Undersea Warfare Systems, which added submarine warfare programs including lightweight (MK-54) and heavyweight (MK-48) torpedoes and submarine

acoustic arrays (LWWAA). From 2018 to 2020, he served as Director, International Mine Warfare Programs, focusing on transitioning US Navy mine countermeasures capability to Allied navies.

Over the course of his career, Mr. Cumm has pursued or executed business in twenty-five international countries in Europe (UK, Denmark, Sweden, Belgium, Netherlands, Italy, Poland, Norway, Greece, Bulgaria), Asia/Pacific (Japan, South Korea, Taiwan, Singapore, Thailand), Middle East/North Africa (UAE, Kuwait, KSA, Egypt, Algeria); North and South America (Canada, Venezuela, Mexico, Colombia) and Australia

He earned a Bachelor of Science degree in Electrical Engineering (BSEE) from University of Maryland, 1989.

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