

## BIOGRAPHICAL INFORMATION

**Mr. Conrad J. Grant.** Mr. Grant is the Head of Air and Missile Defense at the Johns Hopkins University Applied Physics Laboratory. He is responsible for the planning, execution and coordination of all of the Air and Missile Defense Programs, and for assuring that critical needs and responses are developed for the government sponsors. He leads a department of about 800 engineers and scientists with the mission to advance the ability of our nation and its military services to defend themselves against cruise and ballistic missiles and threat aircraft.

Recently, Mr. Grant served as the Acting Director for Readiness Assessment, reporting to the Director of the Missile Defense Agency during the BURNT FROST operation involving the shoot down of the inoperable NROL-21 satellite with the Aegis BMD system. He also served as a principal technical advisor to RADM Brad Hicks, the Mission Director, during this operation.

Mr. Grant has led several major analysis efforts that examined future threats and the requirements for anti-air warfare sensors, and communication, command and control, and weapons systems. Mr. Grant has also led critical large-scale air defense experiments and demonstration efforts. These efforts have not only utilized APL personnel, but also Navy Laboratory and Industry personnel where tests were performed at sea on Navy ships and on open ranges. He is currently leading work in his Department relating to information assurance in Navy combat systems.

Mr. Grant received a B.S. degree in Physics (1978) from the University of Maryland. He also earned M.S. degrees in Applied Physics (1982) and Computer Science (1984) from the Johns Hopkins University. He currently serves on the faculty of the Johns Hopkins University Whiting School of Engineering, teaching graduate-level courses in Systems Engineering.