

## **THOMAS N STEWART**

**Position** - Senior Supervisory Scientist

**Qualifications** – 30+ years experience with R&D test programs and advanced development systems. Designed the system level testing for the Submarine Advanced Processing Build (APB) 4-Step Process and managed the planning, execution and analyses for system level testing of the first 9 APBs developed. Designed and implemented the submarine sonar and combat control Engineering Measurement Programs that are foundational to submarine advanced development efforts, and which provided the model for similar Integrated Undersea Surveillance System and surface ship sonar programs. Managed the Submarine Security Program operational and acoustics activities in support of the Submarine Security and Technology Branch of Chief of Naval Operations Submarine Warfare Division (N-875). Designed numerous large scale at-sea experimentation events and managed the associated planning, execution and analyses; including a major Western Pacific Theater Antisubmarine Warfare (ASW) Exercise involving 2 CGs, 3 DDGs, 3 SSNs, 2 SSKs, MPRA, SURTASS, extensive oceanographic surveys, advanced development off-board sensors including a prototype Advanced Deployable System, an acoustic communications network, and testing of numerous other advanced development technologies. Managed the start-up of major new advanced development efforts in support of PEO IWS 5A. Key in providing technical support to PMS401 for submarine sonar testing and to PMS425 in the transition of advanced development submarine combat control technologies to fielded systems. Extensive operational experience as a submarine officer. Awards and honors include the National Defense Industrial Association (NDIA) Bronze Award, The Naval Sea Systems Command Excellence Award, and the Chief of Naval Operations Award for Excellence in Operations Research.

### **Education**

M.S., Operations Research, Naval Post-Graduate School, 1985  
B.A., Physics, Austin College, 1975