THOMAS N. STEWART

Professional Qualifications

Thomas N. Stewart has an extensive background in naval systems engineering development, system test and evaluation, operations research, and naval operations. He has extensive experience with research, development, testing, and evaluation of submarine combat systems, surface sonar systems, off-board sensors, and command and control systems. His experience includes the planning, supervision and control of technology development programs and of testing and evaluation of complex advanced technology systems. A former submarine officer he is familiar with every facet of operations, logistics and maintenance on both Fleet Ballistic Missile (SSBN) and Fast Attack (SSN) nuclear powered submarines. While serving as the Tactical Systems Officer on the commissioning crew of the first Trident Class submarine, he participated in weapons system testing and certification of the Trident strategic and tactical Weapons Systems and the Trident Command and Control System. As a civilian he has directed high profile on-going systems assessment programs for Program Executive Office- Integrated Warfare Systems (PEO-IWS) and Naval Sea Systems Command. He has been a key figure in the submarine combat system spiral development efforts. He has directed all testing and evaluation for five major ocean system development programs, has directed numerous individual major at-sea experimentation efforts and has been a principal advisor to PEO-IWS on the conduct of Task Force ASW Experimentation and the development of distributed netted sensors. He continues to provide engineering and subject matter expertise to PEO IWS on surface sonar test and evaluation, submarine combat system development and environmental compliance requirements for at-sea testing. He currently advises PMS420 on the test and evaluation of the Littoral Combat Ship (LCS) Increment II Anti-Submarine Warfare (ASW) Mission Package which includes an Advanced Capability Build (ACB) sonar, and AN/SQQ-34 Aircraft Carrier Tactical Support System (CV-TSC) capabilities. At the direction of PMS450 he is leading the planning of the test and evaluation of sensor imprprovements in progress for USS South Dakota (SSN 790). He supports the SSBN Security Technology and SSN/SSGN Survivability Programs in coordinating program at-sea testing activities.

EDUCATION

M.S. Operations Research, 1985, Naval Postgraduate School, Monterey, California
B.A. Physics and Mathematics, 1975, Austin College, Sherman, Texas