

Jacobs' Team Experience – Aegir Systems, Inc.

Integrated Ship Defense (ISD) at Port Hueneme, CA, Naval Surface Warfare Center

Aegir's experience and positive working relationship with the Fleet and PHD NSWC provides proven capability in providing critical expertise for CSSQTs, CSODs, and Refresher Training. Aegir's Combat Systems Engineering staff provides major combat weapons systems, subsystems, and Fleet integration expertise, including Combat System Ship Qualification Trials (CSSQT), Combat Systems Operational Demonstrations (CSOD), and Combat Systems Refresher Training for the current ISD effort. They support PHD NSWC with test/qualifications results, technical analysis, recommendations, and training improvements for self-defense weapons systems. Deployment qualification includes Fleet personnel training needs analysis and the preparation of operational training materials. Aegir revised training materials to reflect operational and upgraded combat systems such as RAM BLK-1 upgrades for the AN/SWY-1, 2, & 3 systems. Aegir provides hands-on OJT training to watch standards and the combat systems team as well as formal classroom training.

To assist PHD NSWC in its ISEA mission, Aegir developed two self-funded support concept projects of relevance to ISD. They developed a training concept to provide Refresher Training to Fleet Sea Swap crews to ensure they were combat ready when a new crew manned a ship that possessed upgraded combat systems not familiar to the crew. Aegir presented a white paper to PHD NSWC recommending that they provide training to newly hired Junior Professionals on introductory level combat and weapons systems to aid in their indoctrination to PHD NSWC.

Aegir has received numerous verbal and written commendations by PHD NSWC and the Fleet. For example, on a recent CSSQTs on-board the Aircraft Carrier USS Kitty Hawk off of Japan, Aegir supported the first live-fire validation tests for the Rolling Airframe Missile (RAM) based on a carrier. The Commander of NSWC-Dahlgren cited the key CSSQT Team members in a letter of appreciation and Aegir's Senior Combat Systems Engineer was the only contractor noted in that successful mission. This high-level of recognition is a sample of the quality of service that Aegir represents as an ISEA contractor to PHD-NSWC.

Our ISD staff has provided technical and training support to DD 963 class ships, LHD-1, CV, and CVN classes of ships. This support to shipboard training and technical exercises in Naval Ports and underway, on a worldwide basis demonstrates the types of expertise required for onsite engineering assistance. Aegir is accustomed to remote activities, are familiar with most applicable Naval Installations, and understand the methodologies for documenting and communicating activities from onsite or onboard.