

## 2017 Team Achievement Award

### Integrated Warfare Systems 3 Launchers, MK41 Vertical Launching System Obsolescence Working Group

The MK41 Vertical Launching System (VLS) Obsolescence Working Group (OWG) is a collaborative Warfare Center team, comprised of members from Naval Undersea Warfare Center (NUWC) Division, Keyport, Naval Surface Warfare Center (NSWC) Dahlgren Division, NSWC Corona Division, and NSWC Port Hueneme Division, that provides parts obsolescence tracking and problem resolution for electrical components on the MK 41 Vertical Launch System (VLS) and its associated automated test equipment. The team performs the work for Program Executive Office Integrated Warfare Systems 3 (PEO IWS3) to support the development, production, and fielding of the MK 41 VLS. The OWG is currently tracking 3,752 parts across the entire MK41 VLS Baseline VII system. This team is ultimately responsible for identifying current and predicted obsolete parts and selecting their replacements. To date, the obsolescence team has resolved 51 cases, resulting in lifetime part buys, MK41 VLS drawing updates, and component redesigns. The OWG has provided critical obsolescence resolution support to ensure that the prime contractor can produce the MK41 VLS per drawing requirements without schedule or cost impact. The synergy of the work of this Warfare Center-wide team has resulted in cost savings to the program and enabled the continued production of the MK 41 VLS for new ship construction.

The team conducted a detailed risk based analysis on the MK 41 VLS Baseline VII and multiple support systems to determine both the scope of the monitoring activity and the high risk components for each system. All DMSMS cases were opened proactively. The team has closed 81 cases for total cost avoidance of nearly \$1.1M.

Team members: Ms. Ana Bajcsi, Mr. Oliver Wagner, Ms. Lizette Lisson, Mr. Jovan Zamora, Mr. Patrick Mendiola, Mr. Charles Southard, Mr. Mark Hickox, Mr. Robert Massell, Ms. Bonnie Nguyen