

ALTERATION INSTALLATION TEAM (AIT)

As a premier NAVSEA and OSHA certified AIT provider to the US Navy, W R Systems, Ltd. (WR) routinely installs Ship Alterations (SHIPALTs) and executes an array of complex technical services aboard US Navy submarines, surface ships, and surface craft.

As an In-Service Engineering Activity (ISEA) support contractor for Navy navigation for 24 years, WR has delivered technical and repair support to all in-service US Navy ships and US Coast Guard (USCG) Cutter fleet. WR also sustains systems via robust Integrated Logistics Support (ILS)/ Integrated Product Support (IPS), including depot-level spares and repairs.

AIT services include:

- Alteration Installation Team (AIT) Support
- Ship and Submarine C5ISR Equipment Installation and Testing
- Removal, installation, and testing of Heliacx, Coaxial, Audio, Video, Data, and Fiber Optic Cabling.
- Termination and Testing of Heliacx, Coaxial, Audio, Video, Data, and Fiber Optic Connectors
- Installation Project Planning and Scheduling
- Disassembly, assembly, and testing of Multi-Cable Transit Systems
- Ship Checks, SID Verification, RMMCO Check-In, ILS, SOVT
- Redline Drawings/As-Built, CDRLS, and Training
- Ship Repair
- Field Engineering Services

Expert removal of Navigation and C4I systems and equipment.

Skilled installation of upgraded and new equipment.

WR's onsite AIT Supervisors are chosen based on experience and proven results across multiple shipboard platforms. We adhere to the standards of the US Navy Joint Fleet Maintenance Manual (JFMM) and NAVSEA Technical Specification 9090-310. We also apply Military Specifications and Standards related to bonding and grounding of equipment on Navy Ships, electrical and optical cable plant design, components, integration, and integrity testing.