

READINESS SUSTAINMENT SUPPORT (RSS)

W R Systems. Ltd. (WR) laboratories are fully equipped for maximum proficiency, with industry standard and specialized OEM test equipment to verify performance to factory and ship-specific specifications and to ensure watertight integrity.

Your Equipment, Reborn.

Well-known for unparalleled navigation, radio expertise, and for our rapid response time, WR provides overhaul and sustainment solutions that extend the life of essential equipment and reduce the number of beyond-economical repair (BER) assets in the fleet daily. Our capabilities include:

- Our Readiness Sustainment Support (RSS) experts screen, repair, test, and program equipment specific to each ship's requirements, leveraging the miniature/microminiature (2M) capability of our ALERT lab when required.
- We also fabricate spares for the Defense Logistics Agency (DLA), efficiently managing product support inventory and direct shipping to depots and the fleet through WR's Material Management Service Center.
- These coordinated one-stop services prevent critical equipment shortages and downtime, and optimize force readiness.

Navigation Products Supported:

- AN/WSN-9 Digital Hybrid Speed Log (DHYSL)
- AN/WSN-8 Digital Electromagnetic Log (DEML)
- AN/BSN-2 Digital Depth Detector (DDD)
- Digital Dead Reckoning Tracer (DDRT) System
- Enhanced Control Display Unit (ECDU)
- Navigation Sensor System Interface (NAVSSI)
- AN/WSN-2/5 Gyrocompass Systems
- AN/WSN-2/5 Inertial Measuring Unit (IMU)
- Aircraft Inertial Alignment System (AIAS)/ SRC-40
- Underwater Speed Log System
- Uninterruptible Power Supplies
- Interior Communication Equipment

Radio Products Supported:

- L-3 Harris Variant Radios (with licensing agreements):
 - XG-75
 - P7100
 - M-RK
- Motorola Variant Radios (Mobile/Portable):
 - MTS-2000
 - XTS-1500
 - XTS-3000
 - XTS-2500
 - XTS-5000
 - XTL-5000
 - Astro Spectra
 - SRX-2200
 - APX-6500
- Hierarchical Yet Dynamically Reprogrammable Architecture (HYDRA) Radio Program
- Anti-Terrorism Force Protection (ATFP)/Visit, Board, Search and Seizure (VBSS) Program
- Shipwide Interior Wireless Communications System (SIWCS) Program
- Industry standard test equipment, including the Agilent 8920 RF Test Set, Motorola KVL-4000 Variable Key Loader, and Bird Watt meters