

POSITIONING, NAVIGATION, AND TIMING (PNT)

W R Systems, Ltd. (WR) is a leading provider of assured PNT services. We are at the forefront of maritime innovation, designing and integrating PNT systems; supporting engineering prototypes, emerging technologies, and unmanned systems; and developing next generation geospatial navigation products and decision support tools.

Navigation System Expertise

- Inertial Navigation Systems (INS)
- Electronic Chart Display and Information Systems (ECDIS)
- Global Positioning Systems (GPS)
- Voyage Management Systems (VMS)
- Gyrocompasses, Speed Sensors, Depth Sensors
- Dead Reckoning Systems
- PNT Data Distribution Systems
- Electronic Alteration Installation Team (E-AIT)
- Selective C4ISR Manufacturing
- Micro-Miniature (2M) repair
- Integrated Logistics Support/Integrated Product Support (ILS/IPS)
- Comprehensive Engineering and Technical Services

Distinct Experience

As an ISEA support contractor for Navy navigation since 1996, WR has delivered:

- Technical support to all in-service US Navy ships and USCG cutters, and numerous Military Sealift Command (MSC) ship classes.
- Technical services for Navigation System Certification (NAVCERT) for all Navy navigation systems.
- Engineering and technical services for PNT system prototyping and EDMs (AN/WSN-12 FOGN replacement for the AN/WSN-7 RLGN).
- Technical ISEA support for legacy and new POR PNT systems such as GPS-based Positioning, Navigation, and Timing Service (GPNTS).
- Design and technical services in support of Integrated Surface and Subsurface Navigation Suite Interoperability.

Meeting Evolving Customer Requirements

WR's proactive approach, combined with our detailed and historical system knowledge, mitigates the risk of inflexible designs and obsolescence; a total life cycle approach. WR is a one-source solution for sophisticated bridge systems, new builds and retrofits, prototypes, and Engineering Design Models (EDMs) across the C5ISR spectrum.