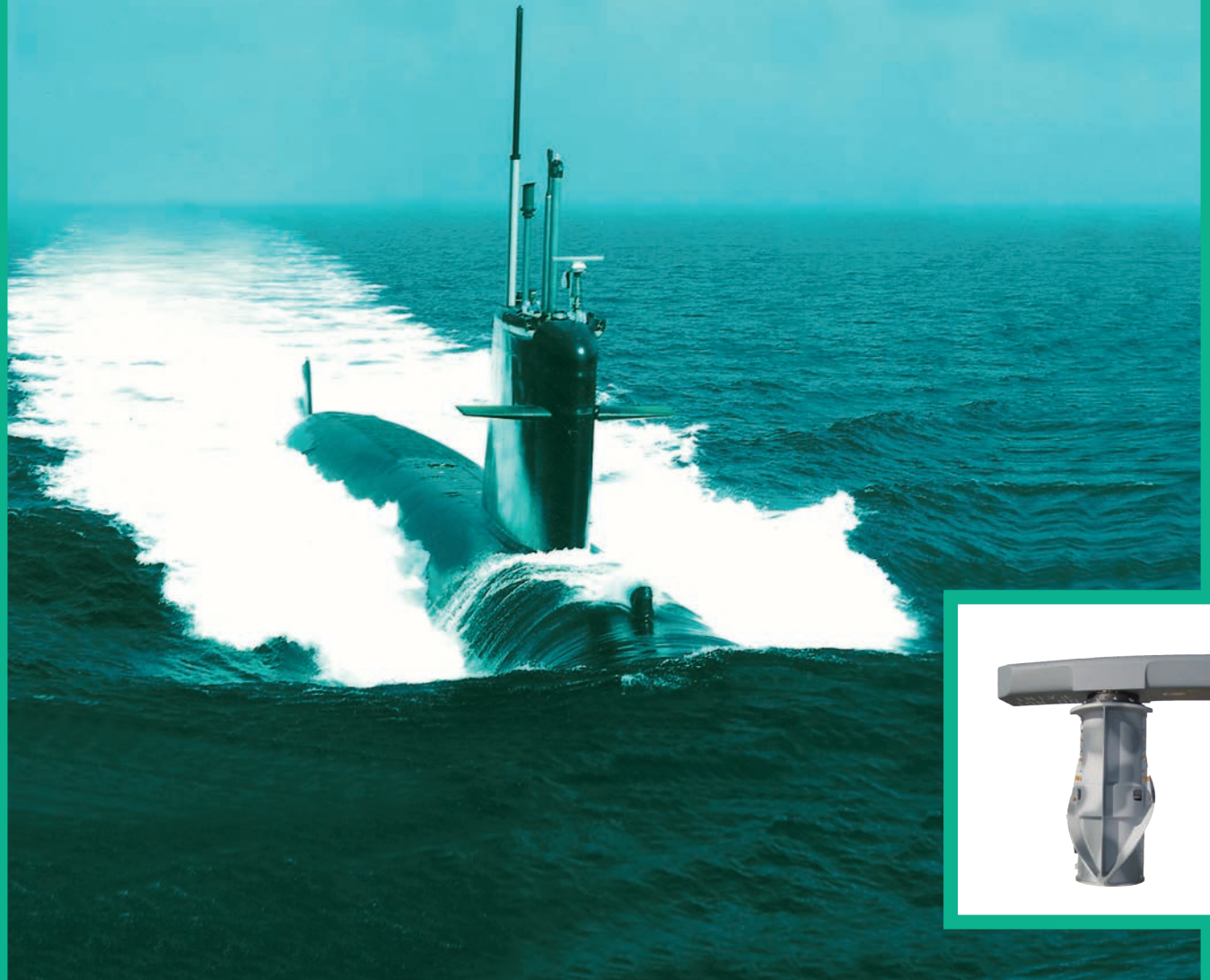


ELECTRONICS & DEFENSE



SERIES 10 LPI CSR

COMPACT SUBMARINE RADAR

- Non-hull penetrating
- Tactical & navigation radar
- Low Probability of Intercept
- Sea-proven

SERIES 10 LPI CSR

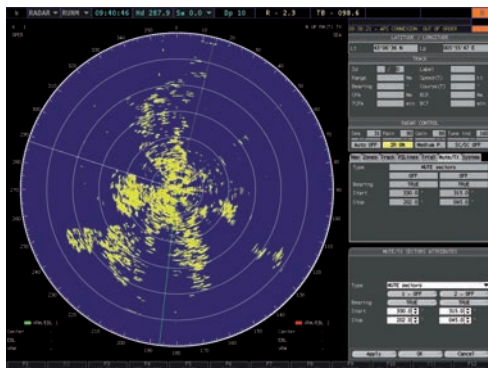
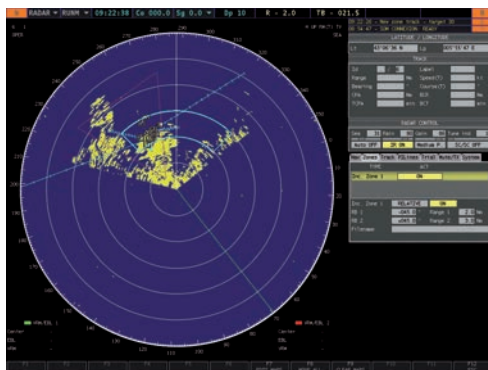
Compact Submarine Radar

Designed for new or retrofit platforms, the new Series 10 LPI CSR compact submarine radar provides a state-of-the-art, reliable and comprehensive response to the following water surveillance requirements: navigation safety, intelligence gathering, and tactical situation assessment.

Highly reliable, lightweight and compact, the Series 10 LPI CSR is a non-hull penetrating radar. It features up-to-date solid state, pulse compression technology to reduce detectability by electronic warfare systems.

Thanks to its modern command and control software and HMI, it reduces the operator's workload and offers a range of sophisticated and flexible operating modes including Automatic Radar Plotting Aid (ARPA) technology.

Coupled to the mast raising equipment, it enables a fully automated Quick Look mode allowing for minimum exposure time.



- Non-hull penetrating digital
- Solid state technology
- High reliability
- Standalone or integrated

Technical specifications

Antenna

- End fed slotted line array
- Horizontal polarization
- I-Band

Transceiver

- Upmast
- Very low output power
- Standard signature

Performances

- Range accuracy: 15m
- Detection of low RCS targets in clutter
- Outstanding immunity in degraded weather
- Can be used simultaneously with RESM systems

Operating modes

- Easy viewing display including mapping facilities with selectable functions, warnings & targets information
- ARPA with up to 50 targets
- Target acquisition with selectable zones

Integration & maintenance

- Lightweight, no wave guide required
- Single compact cabinet
- Comprehensive Built-In-Test
- May be supplied with operator console or alternatively with HMI software running on any third-party console

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