

PASOR PORTABLE ACOUSTIC RANGE (PAR)

A complete co-operative acoustic measurement range solution

NEAR REAL TIME RESULTS

PASOR PAR provides calibrated submarine and surface ship source level signature measurements by processing the output from multiple GPS-enabled noise measurement sonobuoys.

It captures and records raw acoustic data that is processed in near real-time to provide a high-resolution source level (narrow and broadband) signature of the tracked target.

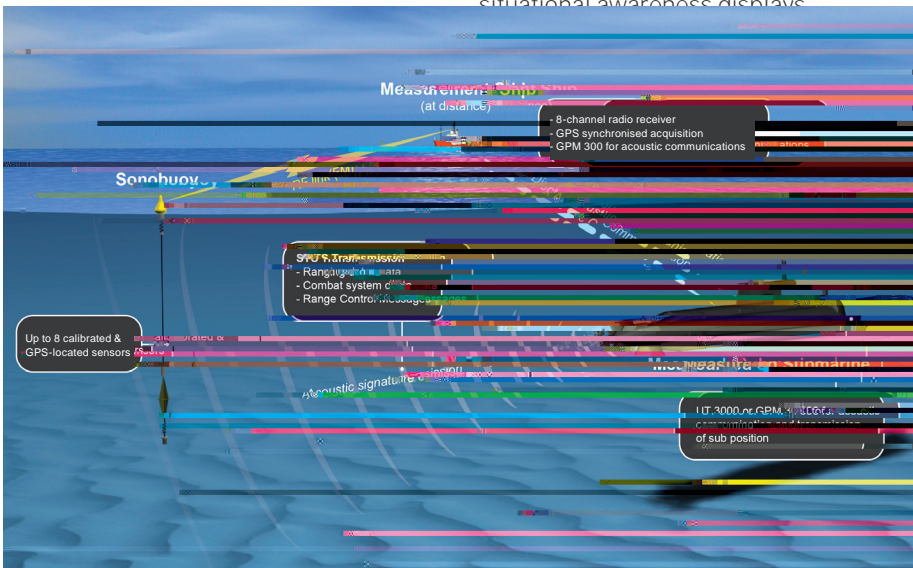
PASOR PAR provides range management through bi-directional acoustic voice and data communications with submarine or surface units.

It enables real-time range measurement of underwater or surface units (submarine tracking system, UT3000 or GPS telemetry units).

PASOR PAR is highly portable and quickly deployed to provide a measurement range or to conduct self noise assessments with near real-time analysis for immediate distribution of results.

A sonobuoy-based system is allow for measurement range

- > Source-level signature measurement of submarines and surface ships
- > High resolution, secure signature data recording and analysis
- > Range operational awareness and management of assets through realtime situational awareness displays



OPTIONS

- > Deployable station-keeping systems provide persistent and recoverable sensors. This option addresses many of the limitations of sonobuoys, while maintaining the wideband acoustic monitoring capability. Enhancements include practically unlimited endurance, the ability to hold station or relocate the range, over-the-horizon data relay and a bidirectional communications gateway capability.
- > Shore-based operation – by including an RF-SATCOM gateway, this option eliminates the need for the Take vessel to be onsite/offshore during ranging operations, reducing cost of operations and improving safety of operational personnel.