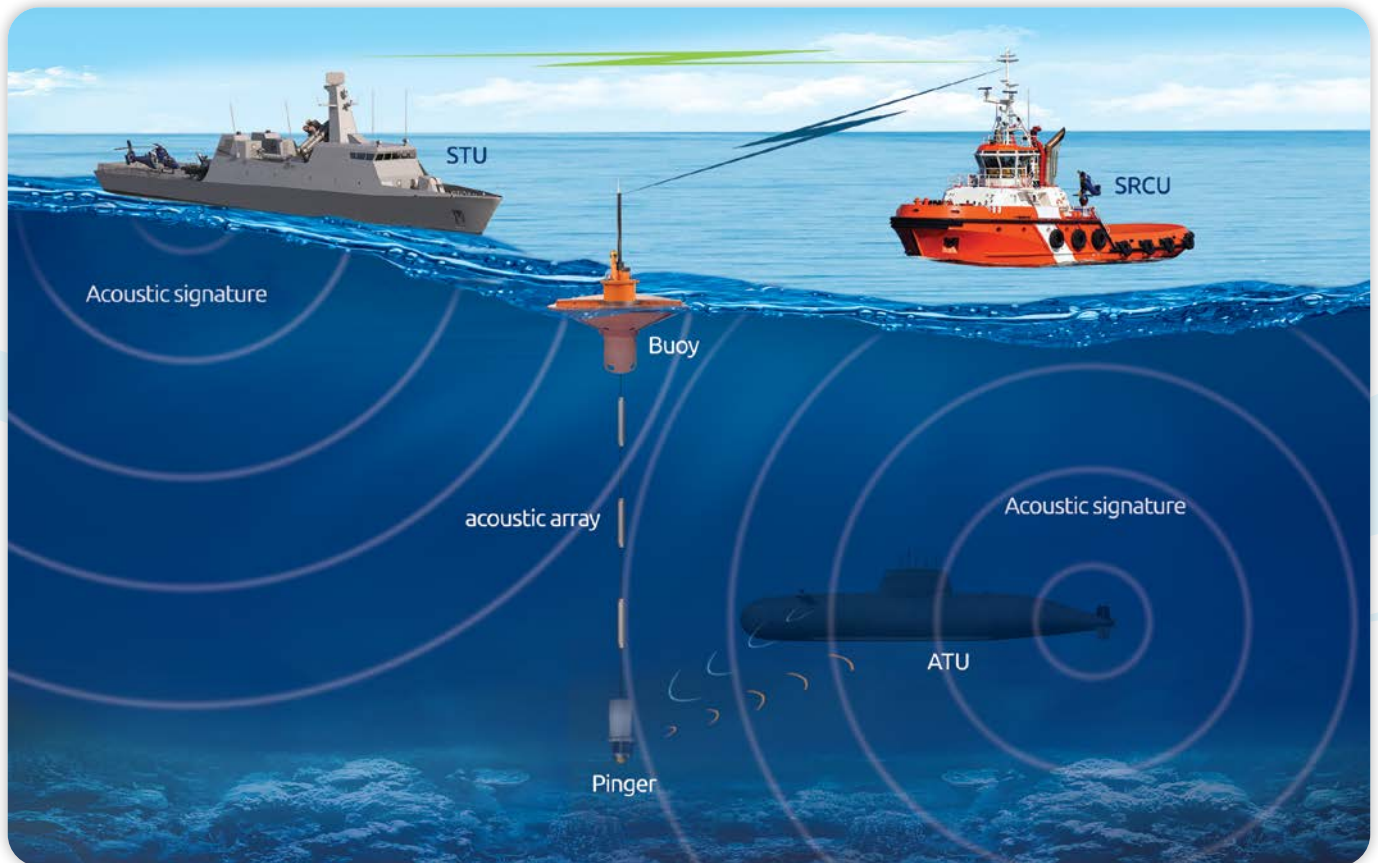


### PAR™ - Portable Acoustic Range

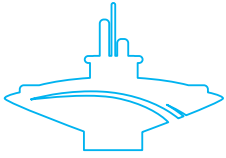
PAR is an end-to-end solution for acoustic ranging that utilizes advanced underwater signal processing to measure the radiated noise of submarines and surface vessels.



### Cutting-Edge Technology for Measuring Radiated Noise

Passive sonar systems, which can detect submarines and ships based on their radiated noise, endanger the crews and platforms they detect. DSIT's PAR system enables navies and shipyards to accurately measure this radiated noise, and to record and analyze the acoustic signatures of their own submarines and ships in order to monitor and control their noise and silence, thus significantly increasing their level of safety and security.

PAR's unique design supports rapid deployment at any sea location and water depth, and saves on the maintenance involved in operating a fixed acoustic range, thus making it the most cost-effective solution for measuring the radiated noise of naval platforms over the long term. PAR provides the operator with a wide range of tools and capabilities, including real-time processing, analysis and display - as well as playback and post-analysis. The system also includes an archive for the storage and management of measurement results. Available in both free drifting and moored configurations, PAR is in use by sophisticated navies and shipyards around the world.



## PAR™ - Portable Acoustic Range

### System Components

PAR's main system components include Measurement Array adaptable to customer, Measurement Buoy, requirements Ship's Remote Control Unit (SRCU), Array Tracking Unit (ATU), Surface Tracking Unit (STU), Array and submarine Pingers, Acoustic, Acoustic Signature Analysis system.



### Benefits

- End-to-end solution for acoustic ranging
- Enables monitoring & control of noise and silence of ships & submarines
- Safe and easy operation – deployment, recovery, and measurement
- Submarine safety technology at CPA (Closest Point of Approach)
- Flexible, rapidly deployable at any sea location and water depth
- Archive for management of measurement results
- Cost-effective
- Operational
- Available in free drifting and moored configurations

### Main Capabilities

- Continuously measures and tracks radiated noise of any vessel on or below the surface
- Transmits data wirelessly in real time to the Remote Control Unit on the Measurement Ship
- Performs real-time processing, analysis and display
- Provides multiple simultaneous processing channels, each with different parameters
- Playback and post-analysis capabilities
- Wireless LAN data link