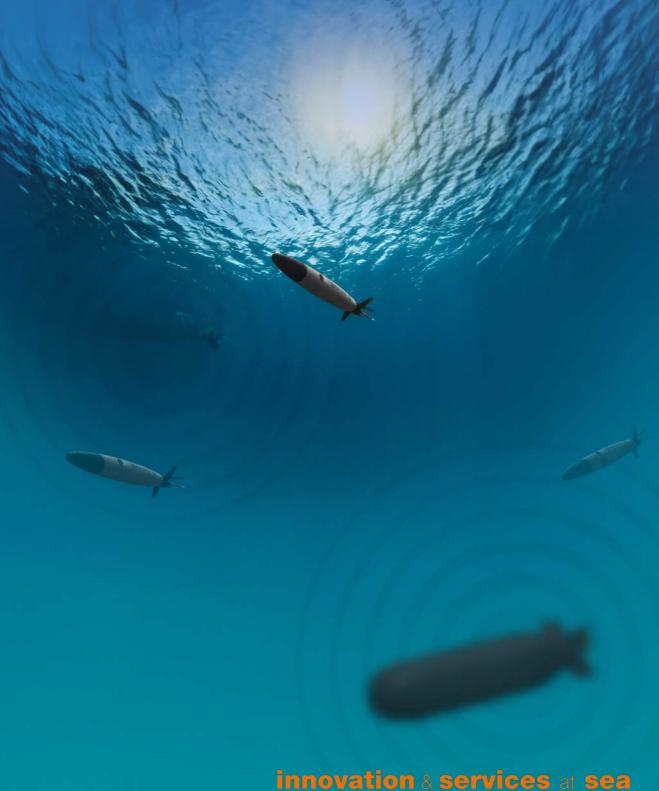
ALSEAMAR

PASSIVE ACOUSTIC MONITORING (PAM)

STEALTH PERSISTANT DETECTION OF ACOUSTIC THREATS



CONCEPT OF OPERATIONS (CONOPS)

- Stealth deployment of the acoustic barrier over long distances
- Persistent and movable acoustic barrier
- Quick and easy barrier deployment
- On-board detection of acoustic anomalies and periodic transmission of collected data
- Positioning and tracking of threats

HIGH-QUALITY & RELIABLE DATA

- Timestamping
- Outstanding signal-to-noise ratio
- · Wide band frequency range

STEALTH SYSTEM

- Hybrid navigation without propellers or with stealth propellers in very shallow waters
- Surface communication with an antenna having a very low radar and visual signature
- Bottom-landing and water column drifting capabilities

AUTONOMOUS PLATFORM

- Range: ability to reach a target area up to
 1000km away and return autonomously
- Continuous detection for up to 3 weeks
- Easy to deploy from any platform
- Piloting from shore
- Alert on barrier breach

PAYLOAD CHARACTERISTICS

- AURIS: recording, in-situ detection* and direction finding
- * On-demand custom detection algorithms can be developed or customised by the user.





ALSEAMAR offers SeaExplorer as a product or in-situ data as a service. For more information, please contact our sales team at sales@alseamar-alcen.com



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