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# ALSEAMAR

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ALCEN

## PASSIVE ACOUSTIC MONITORING (PAM)

STEALTH PERSISTANT DETECTION OF ACOUSTIC THREATS



**innovation & services** at sea

## 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

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## 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**

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## 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](mailto:sales@alseamar-alcen.com)



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