

Omnidirectional Marine Life Observer

Providing 360 degrees of sound underwater insights

A long-range target detection, classification and reporting system, the Marine Life Observer gives those working to understand, explore, protect, and develop marine resources the ability to gather reliable scientific data – information crucial in supporting the sustainable economic growth of the Blue Economy while preserving the health of the environment.

The system provides unbiased data and data analysis including location, depth, behavior, general type of marine life, and noteworthy environmental changes – information that can be used in:

- Permitting
- Supporting data-driven policy setting
- Location selection
- Continuous monitoring
- Maintenance of long-term renewable energy operations
- Early warning of debris or marine life intrusion



Product Features

- Omnidirectional perimeter detection sonar
- Directed split beam tracker and classifier
- Continuous data transmitted via the cloud
- First of its kind marine mammal friendly low frequency sound suppression
- Fully autonomous or cabled operation
- Real-time analysis, alerts, and summary reports
- 3-D target tracking and localization
- Easily integrates with imaging sonars, cameras, ADCP's, hydrophones, and other sensors