

# ONMS



## Own Noise Monitoring System

If anything is changing the acoustic signature onboard the vessel,  
**ONMS** can be the difference between being detectable or not.



Keeping low the acoustic signature of a ship involved in ASW is a key item to preserve the safety of a submarine or surface ship. ONMS allows controlling the signature of the ship by monitoring the vibration and radiated noise



ONMS

Especialistas en Acústica y Electrónica Submarina  
[electronica-submarina.com](http://electronica-submarina.com)



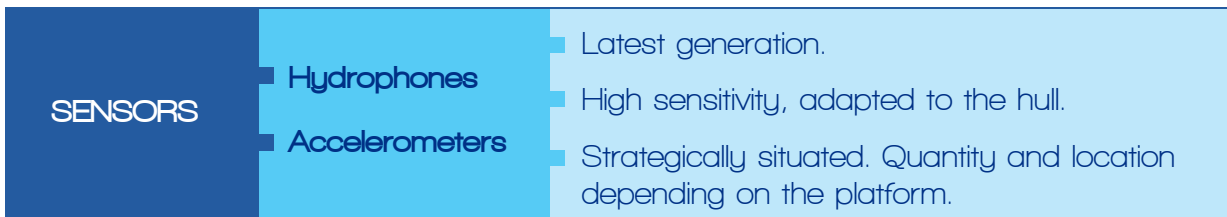
**ONMS** measures vibration and noise of the platform, using accelerometers and hydrophones sensors to monitor noise sources.

**ONMS** sends noise alarms automatically when levels exceed a setting threshold and provides information in order to cancellation of own noise in sonars.

**ONMS** allows analysis on a specific sensor to support the operator to evaluate the noise source and for ship predictive maintenance.

**ONMS** can work stand-alone or integrated with the Combat System, either in a dedicated console (locally or remotely operated) or adapted to a multi-function console of the Combat System.

**ONMS** can be installed on surface ships (referred as CRV system) or submarines.



### Main Features

- Continuous and simultaneous monitoring of sensors, strategically distributed to measure vibration and noise sources of the ship.
- Adaptable to any type of Submarines or Surface Ships.
- Easy integration with the Combat System.
- Small size, easy installation into the platform.
- Scalable system.
- Successfully tested against shock and vibrations, EMC and environmental standard test.

**ONMS is in service on board spanish minehunters and submarines**