

## An Acoustic Solution for Security from Siteptalia

In certain cases, the operational requirements of armed forces and security forces may require them to ensure the safety of facilities and ships without inflicting permanent harm or damage upon sources of threat. For example, it may be necessary to change the course of a civilian boat approaching a military ship without destroying it, or, if the boat does not comply to warnings, to neutralize the persons on-board without harming them. During the exhibition, Siteptalia, which has signed an agreement with Selah Shipyard regarding a data distribution system, featured a product that meets this specific security requirement at its stand. We had the opportunity to obtain information about the MASS CS-424 Stabilized Multi-Role Acoustic System, from Giovanni Morelli, the Deputy General Manager of Siteptalia. Morelli described the MASS CS-424 as a defence system that does not harm or adversely affect human health. The system can identify potential threats via its integrated camera, and send audio warnings over long distances. If the target continues to pose a threat, the system can cause temporary deafness by emitting high noises; dazzle and disorient the target with its high-power searchlight; or cause temporary blindness with its laser. Morelli said that the stabilization feature of the system allows it to be used not only on fixed facilities, oil wells or pipelines, but also on ships and land vehicles. The system is in active use in anti-piracy efforts and operations off the coast of Somalia. Morelli emphasized that



the system causes no prolonged health-related problems, and that consequently its use does not raise any legal issues.

The system's technical specifications are as follows:

- Audio system range: 3000 m
- Sound pressure: 156 db (at 1 m)
- Three-axes auto-stabilization, automatic target tracking
- Searchlight with 3,500 m range and 12 Mcd beam

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