

[Link to animation](#)

## Mine Counter Measures - MCM

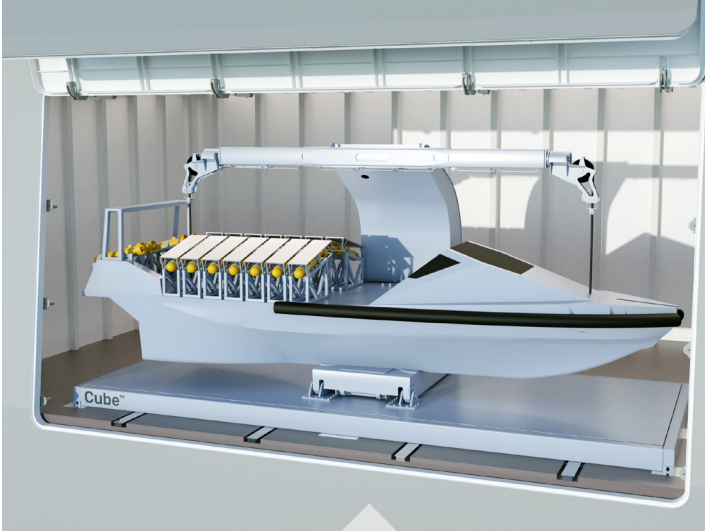
### Mine hunting

As naval mines have become more sophisticated, and able to discriminate between targets, they have become more difficult to deal with. This has given rise to the practice of mine-hunting.

Mines are hunted using sonar, then inspected and destroyed mostly by USVs and AUVs.

For MCM operations, the following Cube™ modules are relevant:

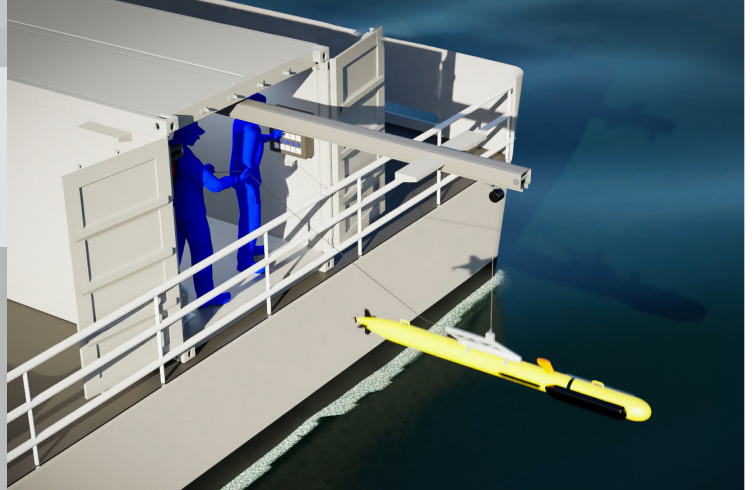
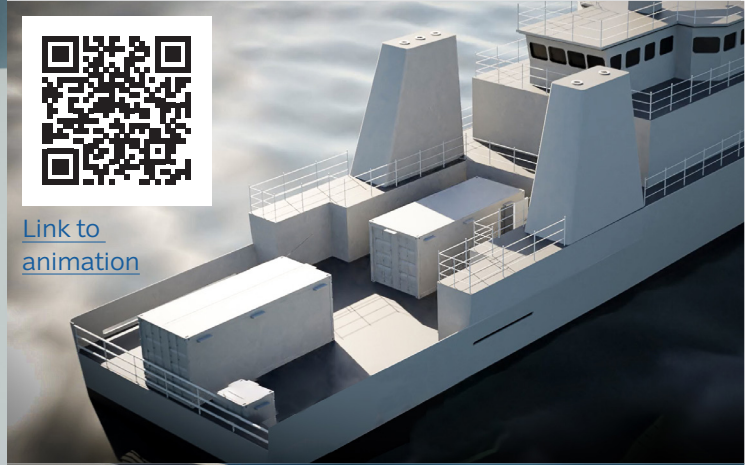
- Mine Clearance UUW-ROV modules
- Small weapons station modules
- Mine Clearance Side Scan Sonar modules
- Battery power plant modules
- USV 20-foot module
- USV Recovery cradle



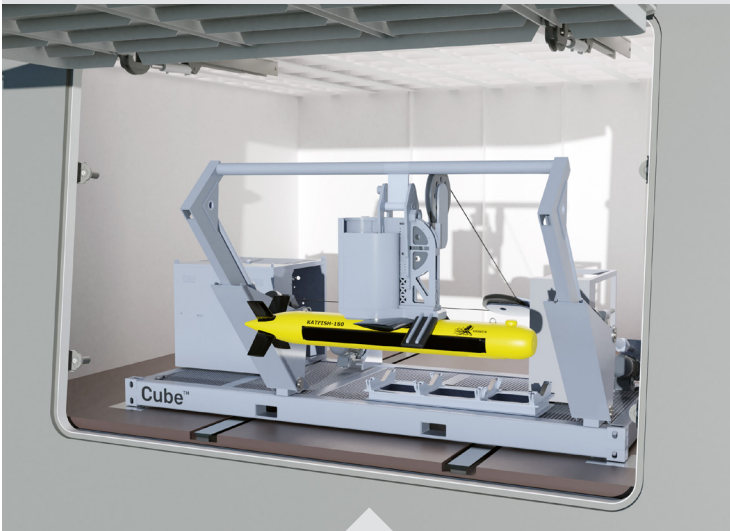
The **ECA Group** 'INSPECTOR 120' 12 Meters USV as a side launched Cube™ module. The Inspector is an autonomous platform for mine counter measures



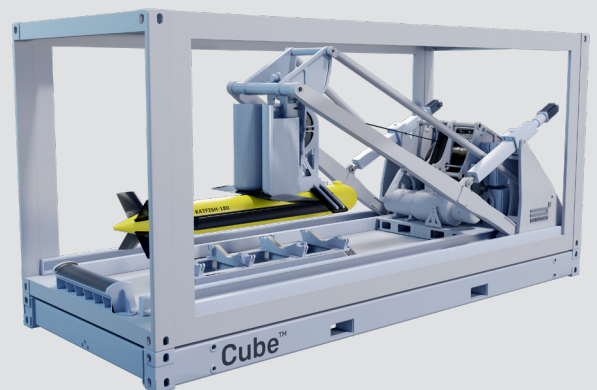
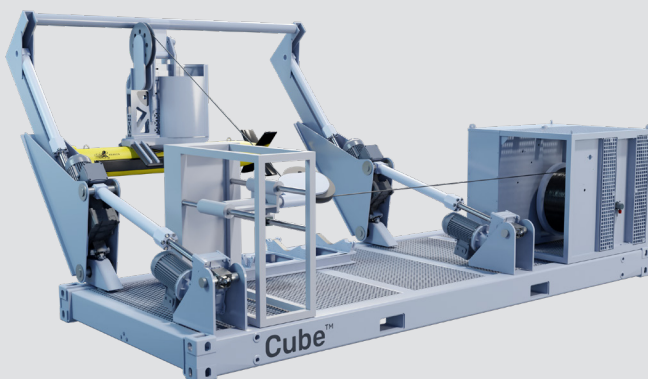
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This mine hunter capability is a stand-alone system that includes several suppliers: C2 container and Launch and recovery system from **SH Defence**. A REMUS AUV from **Kongsberg** with a multi-sensor platform from **Kraken Robotic Systems**. The mine disposal system is a SeaFox from **ThyssenKrupp AG**. It can be put on any prepared Naval vessel, Coast guard or commercial ship.



The Katfish is a towed SAS sonar from **Kraken Robotic Systems**. Engineered as a 20' Cube™ module - Side or stern launched. Launch and Recovery system by **SH Defence**.



The side and stern launch versions consists of a winch and an A-frame with a gripper installed on a 20' Cube™ Engineered Frame.