



**SAAB**

Saab LRAUV

**Autonomous  
missions -  
without the ship**



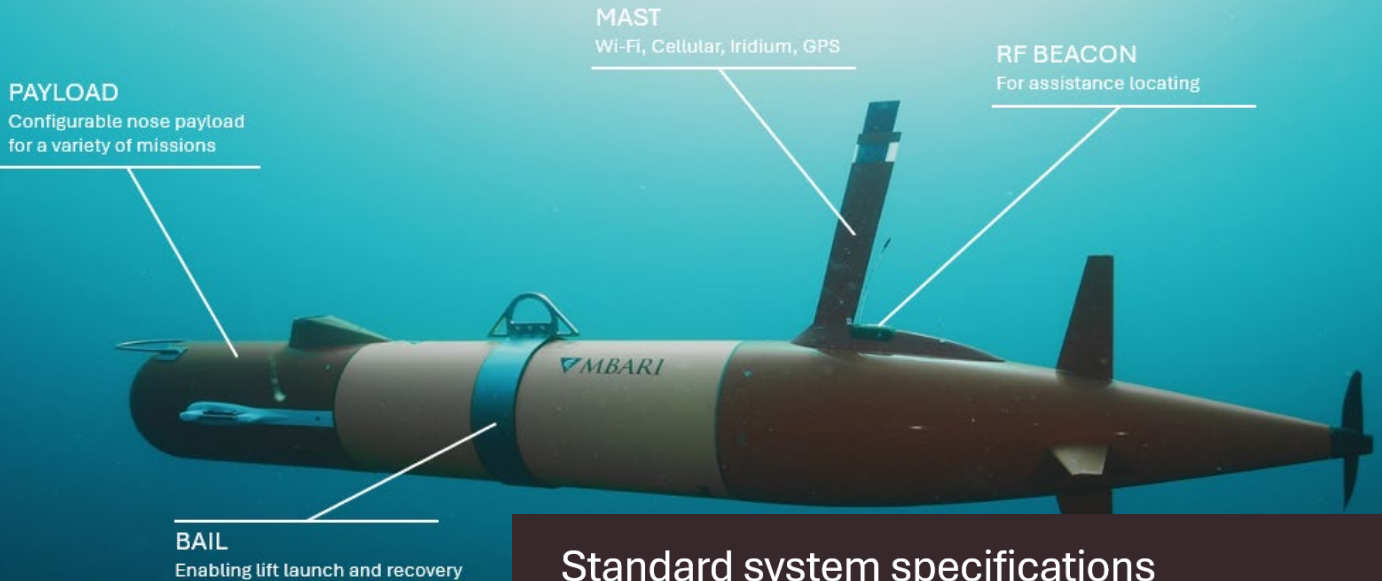
# Further For Less

Saab's long-range, modular-payload AUV is changing the way data is collected from marine environments. The LRAUV vehicle can perform Port to Port operations without ship support and can autonomously deliver configurable payloads over-the-horizon with persistent time on station.

Designed by the Monterey Bay Aquarium Research Institute to address the need for biological monitoring missions covering ranges of up to 1000 kilometers or more. LRAUV was developed to close the power versus endurance gap between traditional AUVs and gliders.

LRAUV can deliver traditional AUV payloads further than previously possible without ship support. Leveraging satellite communications, the vehicle can be remotely operated from anywhere in the world through a web-based mission planner.

The system can be outfitted with a wide variety of payloads and can be launched from shore, pier, or from a ship - expanding the mission capabilities with autonomous platforms.



## Standard system specifications

Diameter	12 inches	Endurance	>1000 km at 1 kts – Lithium - ion >2000 km at 1.5 kts – Lithium
Weight	Approx. 110 kg	Operational depth	0-300m
Speed	0-2.5 knots	Communications	Wi-Fi, acoustic, cellular, satellite