

LeeWay Striker

The world's fastest semi-autonomous minehunting and hydrographic patrol vessel.

Striker is 22-meters in length, with a top speed of approximately 55 knots. It is a high-performance craft optimized for tactical environments. Kraken's SeaScout® Expeditionary Seabed Mapping and Intelligence System and LeeWay Striker are a winning combination for many different survey environments.

System Components:



KATFISH™, an actively stabilized towfish with Synthetic Aperture Sonar providing wide area seafloor coverage, superior pixel resolution for target detection and real-time full resolution SAS processing to enable in-stride automatic target detection and classification.



TENTACLE®, an intelligent all-electric winch that hosts sophisticated algorithms for dynamic manual, semi-autonomous or fully autonomous control. The integrated motion reference unit tracks the motion of the host vessel, and the onboard software models and predicts the sea state. The winch is integrated into an Autonomous Launch & Recovery System (ALARS).



Real time sea-floor imagery transmission using secure, reliable (zero-error), data compressed, fast content delivery to cloud-based storage location to/from fixed sites and mobile platforms.



Cloud-based data analytics, using machine learning for automated change detection of targets by comparing seabed targets against previously surveyed bottom mapping baseline information.

General Specifications

Registry: Halifax, Nova Scotia 🍁

Built: Tampa Bay, Florida

Official Number: 841903

Length: 22.3 metres

Beam: 5 metres

GRT: 65 tonnes

Top Speed: 55 knots

Cruising Speed: 30 knots

Survey Speed: 5-10 knots

Fuel Capacity: 7,200 litres

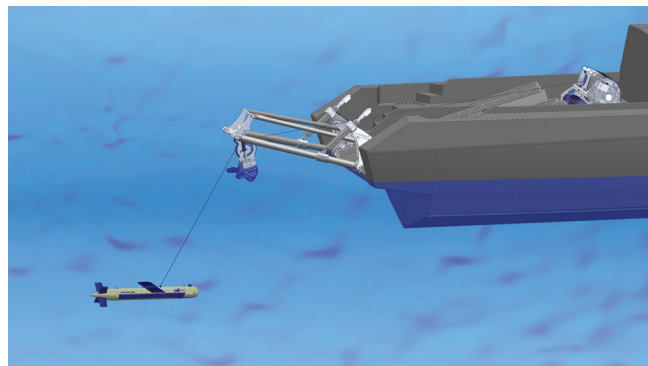
Constuction: Composite

Propulsion: 3x Rolls Royce jets

Crew: 2-4

POB w/o Crew: 4-6

Accomodations: 6 berths, 1 head
w/ shower, galley, work stations



Inquiries



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Safety & Certifications

LeeWay Striker is certified Near Coastal 1 with Transport Canada. It has a full safety management plan and life saving equipment for all crew and guests on board.

Working Deck

LeeWay Striker's aft deck can be configured to fit the needs of a job. With a custom Autonomous Launch and Recovery System (ALARS), Striker is capable of deploying the KRAKEN Katfish™ with minimal human input. The ALARS can be removed to make room for other launch and recovery systems, and side mounts allow for the use of multi-beam sonar on both the port and starboard sides.