



RV Novus

German-built SWATH vessel with incredible stability and maneuverability.

Novus is a 23-meter aluminum Small-waterplane-area Twin Hull (SWATH) vessel designed and constructed by Abeking & Rasmussen of Germany, acquired by LeeWay Marine in 2021. She can travel at a top speed of 16 knots and can support near-to-mid shore survey operations. Novus underwent a refit in 2021 and is equipped with a Kongsberg 2040-04 multi-beam sonar and an EK80 echo-sounder which make her an ideal fit for hydrographic and fish stock surveys. Her twin hull design optimizes stability, even in harsh Eastern Canadian environments.

Unique design benefits



Stability: Constructed with a SWAT hull, Novus has extraordinary sea-keeping abilities, providing ideal conditions for surveying.



Speed With a top speed of 16 knots, a cruising speed of 10 knots and a survey speed of 5-10 knots, Novus is remarkably adaptable and can maintain high speeds during increased sea states.



Maneuverability: The vessel's twin prop and hull design allow for turning within her own length and near instant reaction to steering and thrust commands. An integrated autopilot system ensures accurate following of survey transects.



Integrated Electronics: Both a Kongsberg 2040-04 multi-beam sonar and an EK80 echo-sounder were installed in 2021. Her state-of-the-art electronics, combined with her unique stability, allow for high quality data acquisition in remote areas.

General Specifications

Registry: Halifax, Nova Scotia 🍁

Built: Lemwerder, Germany

IMO Number: 9514119

Length: 23 metres

Beam: 13 metres

GRT: 222 tonnes

Top Speed: 18 knots

Cruising Speed: 8-12 knots

Survey Speed: 3-12 knots

Fuel Capacity: 12,000 litres

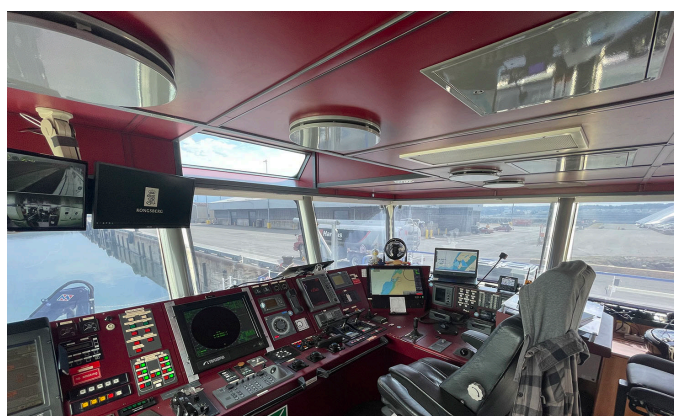
Constuction: Aluminum

Propulsion: Diesel Electric, Twin Screw

Crew: 4

POB w/o Crew: 4-6

Accomodations: Cabins, heads/
showers, galley/mess, dry lab



Inquiries



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Safety & Certifications

Transport Canada - Near Coastal 2
Safety Management System
Preventative Maintenance System

Working Deck

40 m² aft working deck
225 kg WLL davit
450 kg WLL knuckle crane
Teledyne rapidCAST SVP

Firefighting Plan
Two 8-person liferafts
SART, EPIRB, PLBs

Open transom for equipment deployment
Winch pedestal on forward working deck
Seawater and freshwater connections