

Norkyst uses a 8.5 m long aluminum survey boat to conduct surveys nearshore, in shallow and narrow waters. It is equipped with a Volvo D4 225 HP engine giving a cruising speed of 18 knots.

The boat has IMCA class D classification for safe operation up to 20 nm from the coastline.



Multibeam swath surveying

The boat is equipped with an EM2040 multibeam echo sounder covering depths from 0.5 – 500/600 m in seawater. Total accuracy of 5 – 10 cm on seabed depending on the depth.

Precise positioning

The survey boat is equipped with a Seapath 330 / MRU5 RTK GNSS system using GPS and GLONASS satellites. The system uses the CPOS service from Kartverket giving position accuracy on the cm level.

A-frame

Bintang has a detachable A-frame suitable for towing instruments and handling sample taking equipment etc.



Bow pole

Bintang has a detachable bow pole suitable for fitting side-scan sonar, sub-bottom profiler and other equipment.



- Hydrographic surveys to IHO standards
- Cable and pipeline route surveys
- Inshore route / site
- Lakes and dams
- Harbor entrances
- Depth verifications
- Dredging control
- Volume calculations



Quick mobilization

The boat's base is in Stavanger, Norway, and can mobilize at short notice. For survey tasks in other regions, it can easily be transported by truck or by ship. Bintang has been designed for truck transport without the requirement of a support vehicle. All sensors and systems onboard for conducting seabed surveys are installed permanently and calibrated regularly. The boat is ready for work when arriving on site.



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S/L Bintang has the following characteristics

LOA	8.5 m
BOA	2.9 m
Draft	≈ 0.7 m
Transportation height	3.07 m
Dry weight	≈ 4 tons
Engine	Volvo D4 – 225 A, 165 KW
Propulsion	Volvo Penta Duoprop drive
Cruising speed	≈ 18 knots
Range	≈ 65 nm
Crew limit	4 persons