



BELUGA 01

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Unmanned survey vessel



GENERAL SPECIFICATIONS

Length	6 m
Width	2.05 m
Height	2.6 m
Draft	0,5 m (excl. payload) 0.9 m with payload deployed
Propulsion	Inboard Yanmar LV195 with Hamilton HJ241 Jet BHP 195 Electrical Torqeedo Cruise 4.0 Backup propulsion FisherPanda i5000 Range Extender for Backup Propulsion
Endurance with payload	Main: 24 Hours at 4 knots Full Electric: 12 Hours at 4 knots (only batteries)
Fuel capacity	200 l
Redundant Communication links	4G (Global), WIFI (300m), Iridium (Global); Kongsberg Maritime Broadband Radio MBR179, MBR 144 (Potential range up to 20 km)
Transport	Fits 20ft container
Launch and Recovery	Integrated single point lifting slings Special Designed LARS cradle

NAVIGATION FEATURES

- Navigation Lights as per maritime standards
- Marine LED Bar / Survey Flash light
- FURUNO DRS4D-NXT Radar
- Simrad B&G V3100 Class B AIS Transponder
- Remote VHF Speaker/Receiver, according to standard ETSI EN 301-929
- XEOS Tracker
- Weather Station
- Two 180 Degrees Fixed Bullet Cameras

SURVEY PAYLOAD

- Fixed moonpool with 0.52 x 0.81 m, moonpool size payload box
- Osil Winch for turbidity and SVP sensor
- Multibeam Echo-sounder R2Sonic 2024
- Singlebeam Echo-sounder Teledyne ECHOTRAC E20 with Airmar M192 transducer
- DGPS Positioning AsteRx-U MARINE
- Gyro and IMU SBG Navsight Apogee

