



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