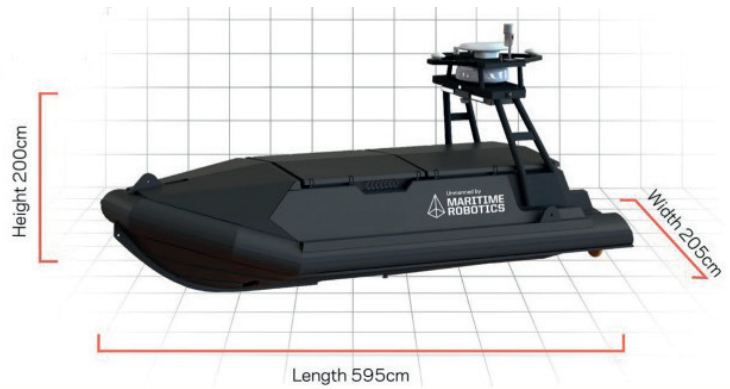




# BELUGA 01

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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 Echo-sounder	Norbit Winghead B51s
Singlebeam Echo-sounder	Teledyne ECHOTRAC E20 with Airmar M192 transducer
DGPS Positioning	AsteRx-U MARINE
Gyro and IMU	SBG Navsight Apogee

