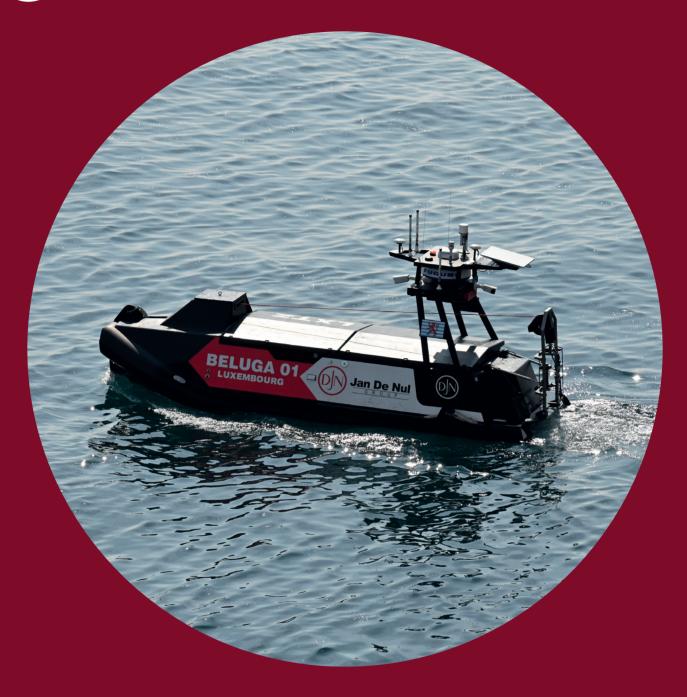
JAN DE NUL



BELUGA 01

BELUGA 01

Unmanned survey vessel



GENERAL SPECIFICATIONS

6 m Length Width 2.05 m 2.6 m Height

0,5 m (excl. payload) 0.9 m Draft

with payload deployed

Inboard Yanmar LV195 with Propulsion

Hamilton HJ241 Jet BHP 195

Electrical Torquedo Cruise 4.0 Backup propulsion

FisherPanda i5000 Range Extender

for Backup Propulsion

Main: 24 Hours at 4 knots Endurance with Full Electric: 12 Hours at 4 payload

knots (only batteries)

200 I Fuel capacity

4G (Global), WIFI (300m), Iridium (Global); Redundant

Kongsberg Maritime Broadband Communication links

Radio MBR179,

MBR 144 (Potential range up to 20 km)

Fits 20ft container **Transport**

Integrated single point lifting slings Launch and Recovery

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

0.52 x 0.81 m, moonpool size Fixed moonpool with

payload box

Osil Winch for turbidity and SVP sensor

Norbit Winghead B51s Multibeam Echo-

sounder

Singlebeam Echo-

Teledyne ECHOTRAC E20 with

sounder

Airmar M192 transducer

DGPS Positioning

AsteRx-U MARINE

Gyro and IMU

SBG Navsight Apogee







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