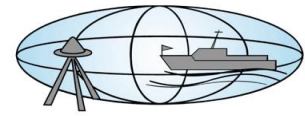




# GEO GROUP



seit 1997

## USV Geo Otter 1

## Unmanned Surface Vehicle

### Classification / Flag / Registration

Vessel name	Geo Otter 1
Flag	German
Call Sign	GEO OTTER 1
MMSI	218025630
Port of registry	Wilhelmshaven (Germany)
Built	2023
Builder	Maritime Robotics
Range	Inland waters/Coastal 1NM

### General dimensions

Length overall	2,00 m
Breadth overall	1,06 m
Draft	0,30 m
Gross weight	65 Kg
Total height	1,08 m

### Survey equipment

Multibeam/MBES	Norbit WBMS
Gyro/Motion reference	Ekinox-2, SBG
Positioning	Septentrio AsteRx
Hydrographic software	NavAQ

### Navigation

RTK	Septentrio AsteRx
D-GPS	Ublox NEO-M8
AIS	Cobalt II Tx/Rx

### Speed

Max. speed	5-6 kn
Survey speed	4 kn

### Communication & Safety

Broadband (Ubiquiti)	5120-5875 MHz
Local WLAN/ 4G LTE	
LiDAR with 360 camera	
Forward looking camera	

### Capacities

Power	4x 915Wh Batteries
Bollard pull	24kg
Boardnet	28-33V DC

### Propulsion

Engines	2x Ultralight 403 AC
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Our company is certified acc. to ISO 9001, 14001 and 45001

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