



BALTIC DIVING SOLUTIONS

TECHNICAL SPECIFICATIONS OF

# Baltic Surveyor

BALTIC SURVEYOR

#SURVEY #DIVING #ROV #CTV #UAV #UXO CLEARANCE

BALTIC SURVEYOR



# Baltic Surveyor

## Type of Vessel

DP Survey & ROV Vessel

## Classification/Flag

Flag: Polish  
Call sign: SNOF  
Home port: Gdynia, Poland  
Builder: Fr. Schweers  
Classification: DNV  
Hull material: aluminium  
Transit: 10 knots

## Navigation Aids

Systems: 2 Gyros, 2 DGPS receivers, 2 Wind sensors  
DP System: Navis DP-1 Specification  
Chart system: Transas NaviSailor 4000 dual ECDIS  
Marine Echo Sounder: FURUNO Navigational Echo Sounder FE-700

## Tonnage & Dimensions

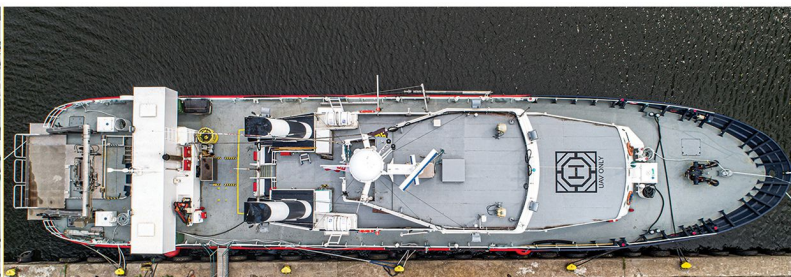
(GT) Gross Tonnage 258  
(NT) Net Tonnage 77  
Length: 38.4 m  
Breadth: 7.8 m  
Airdraft: 14.1 m  
Draft: 2.1 m  
Deck space: 40 m<sup>2</sup>

## Engines

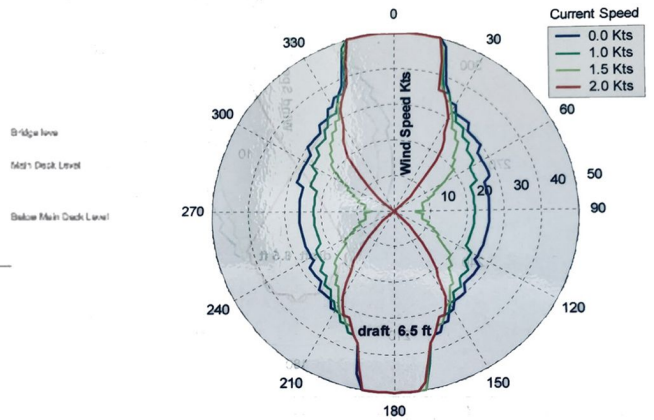
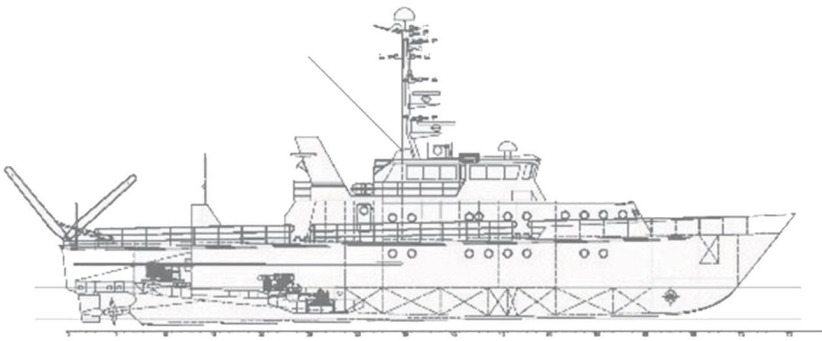
Main engine: 1 x 1000 kW CPP MWM TBD 604 V12  
Auxiliary engines: 1 x 250 kW Deutz M413FR  
1 x 300 kW Volvo D12  
Thruster forward: 70 kW Jastram  
Thrusters aft: 2 x 250 Kw Schottel pump jets Volvo D9

## Deck and Survey Equipment

A-Frame: SWL 4 tons  
Deck Crane: 0.65 t/m  
Side poles: 2 poles for various over the side mounted equipment  
Moonpool: 2 aft moonpools 600mm x 800mm  
Deck Generator: 1 x 90 kW Cummins 6BT5, 9-D  
Anti rolling: Passive anti rolling tank - 60% rolling reduction  
ROV: Saab Seaeeye Falcon ROV  
Survey room: 12m<sup>3</sup> Survey room fully equipped



**BALTIC SURVEYOR**  
**GENERAL ARRANGEMENT**



Propulsors:		Environment:
#1 Bow Tunnel thruster	100% thrust	Max wind speed : 50 Kts Current Speed: 0-2 Kts Collinear environment
#2 Port Pump Jet	100% thrust	
#3 Propeller	100% thrust	
#4 Sbd Pump Jet	100% thrust	

**Capacity**

Fuel tanks: 23000 l  
Fresh water: 10000 l

**Water Depth (LAT)**

Multibeam (MB): 2.5 m\*

**Vessel Draft**

Multibeam (MB): 2.1 m

**Endurance Statement**

10-15 days weather permitting (using ROV)  
10-15 days weather permitting (MBES/SSS or other survey)

**Fuel Consumption 24 h**

Transit 2400 l  
Survey operation 1000 l  
DP/Rov 1500 l  
WoW or alongside 250 l

**Accommodation**

Cabins: 5 single, 5 double  
Total of 10 cabins, 15 persons

**Vessel Contact Phone No.**

GSM Mobile: +48 798 268 698  
VoIP Bridge: +48 58 743 27 60  
VoIP Survey: +48 58 743 27 61  
Iridium: +881 632 738 819

**DP operation**

Wind: 12-15 m/sec  
Sea state: max 1.7- 2 m\*  
Current: 1.8- 2.5 knots\*  
\* subject to site specific conditions

**Survey Operation Max Criteria**

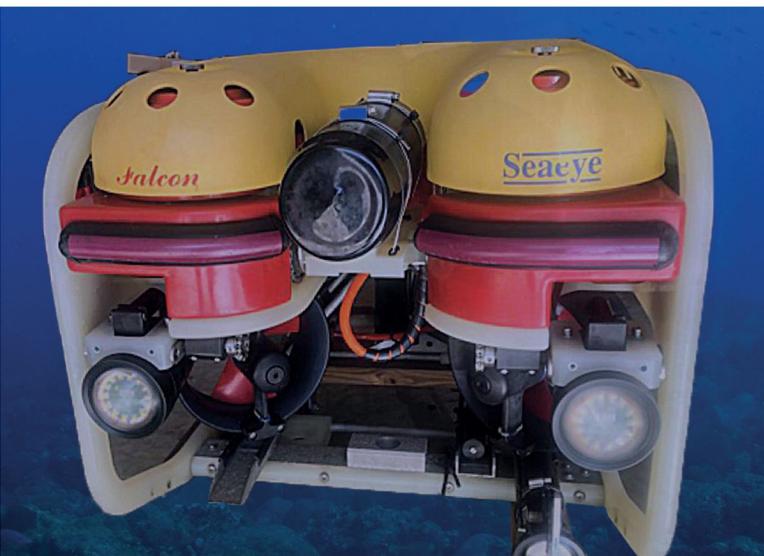
**Launch & recovery**

Wind: 12- 15 m/sec  
Sea state: max 1.2-1.5 m\*  
Current: 1.3 knots  
\* subject to site specific conditions

**Multibeam**

Wind: 15 m/sec  
Sea state: max 1.5- 2.0\*  
Current: 3 knots\*

\* depending on direction





BALTIC DIVING SOLUTIONS

OFFSHORE OPERATIONS

DIVING SERVICES

VESSEL CHARTERS

ROV INSPECTIONS

MARINE ENGINEERING

UXO RISK MIGRATION

PROJECT MANAGEMENT



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