



**seatech**  
engineering

2016  
new  
build !



## **OCEANOGRAF** special purpose, research vessel for interdisciplinary research of the Baltic Sea

*Oceanograf* is a 50 meters long catamaran designed from scratch by the Seatech Engineering team. The ship was built in 2016 by Nauta Shipyard in Gdynia, for the University of Gdańsk, Institute of Oceanography.

*Oceanograf* is the most modern research vessel sailing under a Polish flag. It is highly precise in maneuvering (DP system), stable and energy efficient. One of the unique features of *Oceanograf* is very low immersion having only 2 meters. It allows free navigation in a shallow waters of the southern regions of the Baltic Sea.

The catamaran has been equipped with specialist equipment designated for interdisciplinary research of the Baltic Sea environment, i.e. sea flora, fauna and chemistry research, seismology, geology and ocean floor research. The vessel also allows fishing and storing for scientific purposes. Moreover the *Oceanograf* will serve as an education unit for the University students.

The ship crew consists of 8 officers and sailors. The scientific crew can consist of up to 12 men. All crew members are quartered in a comfortable cabins. The spatial structure ensures the crew with high spatial standards.







#### Principal dimensions

Length o.a.: 49,50 m  
 Breadth at waterline: 14,00 m  
 Draught oa (incl.propeller): 2,00 m  
 Disp. estimated for draught 2,0 m: 710 t  
 Engine power: 2 x 420 kW, 2x 225 kW  
 Propulsion: 2 x Shottel azipods  
 Cruising range: 2500 mn  
 Speed: 12 kn  
 Crew: up to 20 persons  
 Builder: NAUTA/2016

#### Main scientific and research equipment

- "wet", sterile, measuring and air-conditioned laboratories,
- aerosols research station,
- aft working deck (90 m<sup>2</sup>),
- sliding hull lifts for Reson, Split Beam and USBL depth sounders,
- underwater vehicle ROV GUARDIAN 2.,
- towing sonar Edge Tech 4200,
- diving and aft fishing equipment,
- comfortable accommodation for 20 persons

