



## Mar Profundo

Research vessel

### Flag/Registration

Name	: Mar Profundo
Owner	: INESC TEC
Flag	: Portuguese
Port of registry	: Leixões
Call sign	: CSZP6
MMSI	: 263441149
Built	: 2021
Builder	: Nautiber-Estaleiros Navais do Guadiana, Lda.
Area	: Up to 60 nm from safe harbour
GMDSS	: Area A2

### General dimensions

Length overall	: 19.70 m
Breadth	: 7 m
Draft	: 1.6 m
Light ship weight	: 38 tons

### Propulsion

Engines:	2 x Volvo Penta D8-550
Power:	2 x 550 hp

### Speed/Range

8 knots (cruising); 12 knots (max)
1250 nm (8 knots); 600 nm (12 knots)

### Occupancy

Marine crew	: 3 (three)
Researchers (max)	: 9 (nine)

### Endurance

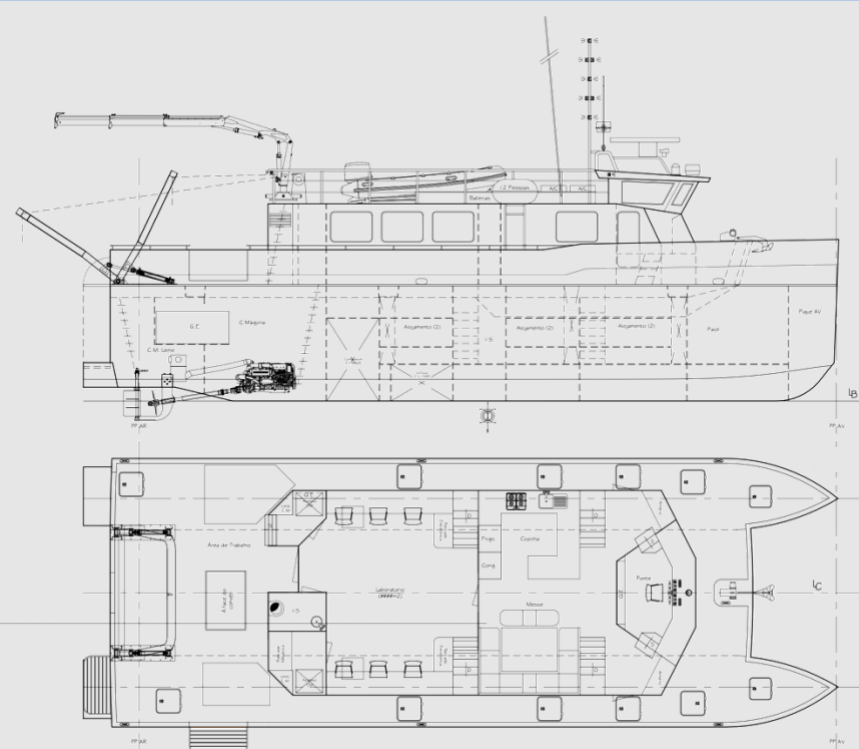
4 days without land support

### Communications

VHF DCS + emergency  
MF/HF DSC  
EPIRB  
SART  
Satellite radio  
Internet

### Navigation equipment

AIS  
Radar  
Sounder  
ECDIS  
NAVTEX



### Mission-related characteristics

- A-Frame (2 x 2 x 2 m<sup>3</sup> max load dimensions)
- Winch (1500 kg; 1000 m cable)
- Crane (1 ton at 7 m)
- 3000 kg payload (including passengers and their equipment)
- Moonpool with equipment towing arm (suitable for mounting, e.g., multibeam sonars)
- Two (2) hydraulic platforms for equipment deployment and recovery (max 300 kg)
- Capable of 24 h full-operation (propulsion and hydraulics excluded) in silent conditions.



Campus da FEUP  
Rua Dr. Roberto Frias  
4200-465 Porto  
Portugal

Email: [info@inesctec.pt](mailto:info@inesctec.pt)  
Tel. +351 222 094 00