

RV PELAGIA



General Description

1. Vessel

- a. RV PELAGIA, built 1991, (LOA 66 metres, beam 12.8 metres, displacement 1671 tonnes, unrestricted sailing area, equipped with an anti-rolling tank, GPS and DGPS) is a very stable platform, her diesel electric propulsion fed by two diesel generators makes it possible to maintain a constant speed of <1-8 knots. At very low speeds one diesel generator is sufficient.
- b. Certified under the International Safety Management (ISM) Code. All test certifications available, as is qualified personnel licenced to Dutch Shipping Inspection and international regulations and qualified to operate all winches, lifting fixtures and equipment.
- c. Endurance 28 days at cruising speed of 10.5 knots (8000 nmiles).

2. Aft Deck (see also [G/A plan in Appendix 1](#))

- a. Deck space: dimensions of aft working D-Deck starboard side 30 metres long and 3 metres wide; aft working deck over total beam without lab containers: 14 metres long and 12.4 metres wide. Maximum deck load 32 tonnes.
- b. Winch and power pack can be placed on deck by use of a sub frame that fits over the existing container lockers. Alternatively, it is possible to weld constructions on deck or to use eye bolts.
- c. Power supplies outlets:
 - 1 socket 380 volts 3 Phase 50 Hz 100 Amp.
 - 1 socket 380 volts 3 Phase 50 Hz 300 Amp to be connected in junction box.
 - 2 sockets 380 volts 3 Phase 50 Hz 63 Amp.
 - 1 socket 380 volts 3 Phase 50 Hz 32 Amp.
 - 8 sockets 240 V AC 50 Hz 16 Amp.All connectors are international CEE Form type.

3. "A" Frame

- a. On the stern is an A Frame hydraulic powered and with controlled speed, SWL 10 tonnes
- b. Height 8 metres, forward from stern more than 3 metres.
- c. Outreach over stern 3 metres.

Cables accessible through an open port hole.

Power supplies:

Workbenches with: 6 sockets 220 volts 50 Hz fine 16 Amp
 12 sockets 220 volts 50 Hz 16 Amp
 1 socket 380 Volts 50Hz 3 Phase+0+earth 16 Amp

* *Starboard maindeck D* chemical lab 15 square metres

Equipped with workbench and two fume hoods.

Telephone.

Cables accessible via dry lab.

Power supplies:

Distributed over workbench: 6 sockets 220 volts 50 Hz fine 16 Amp
 10 sockets 220 volts 50 Hz course 16 Amp
 1 socket 380 Volts 50Hz 3 Phase+0+earth 16 Amp

* *Starboard amidships at deck C* measuring room 20 square metres. Read out of deep sea echo sounders, possibility to place recorders, half 19 inch rack available.

Telephone.

Cables easy accessible by the use of a swan neck (diam. 100 mm).

Power supplies: 5 sockets 220 volts 50 Hz fine 16 Amp
 10 sockets 220 volts 50 Hz course 16 Amp

* *Lab containers* Total available lab space can be increased by the use of dedicated or multipurpose laboratory containers in container hold or on aft deck. Total number of nine, five in the hold and 4 on the aft deck.

Lab containers are also equipped with telephone, ships alarm, workbenches with 220 and 380 V supply.

* *Meeting room/office room* 20 square metres on C deck, with telephone, presentation possibilities, copier etc.

6. Zodiac/RIB

'Zodiac'/RIB and crane are certified according to the international Solas safety rules and fit all requirements; equipped with 60 Hp engine, VHF radio and safety equipment.

7. Personnel

All crew are Dutch and competent sailors with a long experience in sea research. During the deployment and recovery there will be one deck-supervisor and three seamen to assist. Normal working hours 10 during the day, additional hours are possible in discretion of the master.

Master, officers, engineers, seamen and cook are all licenced to their jobs according to Dutch Shipping Inspection and international regulations, and are allowed to sail ships up to 4000 tonnes worldwide.

On deck there is:

one seaman licensed as ships technician

one seaman with engineers qualification

two seamen licensed as sailor A/B Dutch Ships Orders 1965.

All four seamen are in possession of radio operator license (Marcom A).