



MV ANTARES



The Company purchased the Antares in 2012, from a Dutch investor who overhauled the ship for diving expeditions. After acquiring the vessel, she was primarily upgraded to become a guard vessel, bearing in mind the possibility to also be deployed in the future as a multi-purpose expedition vessel.

The upgrade didn't stop with structural changes, but also encompassed overhauling the engine room. Both DC generators were completely overhauled, as was the main SMIT-MAN R55 engine. Meanwhile the 62 year-old vessel has proven her seaworthiness by staying more than 200 days outside port limits, without any failures.

In 2012 the Antares was fitted with state of the art appliances and technical innovations, ready to start her new life as a multi-purpose vessel. These innovations are to be found in our vessel's computer room, galley, mess-room, medical room and other places. The engine room got a thorough overhaul,

which consisted of taking out all cylinders of SMIT-MAN R55 engine and inspect the pistons and liners. Same time the bearings were inspected and replaced where necessary; and the crankshaft clocked. By inspecting the AC and overhauling the DC generators, electrical power is ensured on board.

Installed with a KVH TracPhone V7 satellite system, the Antares provides unlimited airtime via a speed-based fixed rate plan, upgradable to a maximum 2 Mbps download and 1 Mbps upload speed. On top, the system provides crew calling via prepaid crew calling cards, enabling crew and passengers to keep in touch with family and loved ones.

The Antares is fitted with a FAR-2127 XBAND RADAR 6.5 FT ANTENNA and Hatteland JH19T14 FUD-AA1 monitor, 2 VHF radios with DSC receiver, 2 Inmarsat-C EGC receivers, making her certified for sailing areas A1 + A2 + A3.

The vessel comes equipped with the ability to manufacture fresh water from seawater whilst underway. This is accomplished with the

Baitek Synchron SC 150, which can produce up to 140liters/hour.

A small gym has been installed, enabling the crew and passengers to have a daily workout, by using the weights, the pull up and dip bars, boxing bag and much more. The mess-room equipped with 2 comfortable TV's, surround system and a Playstation console is the ideal recreational area.

Checking e-mails and surfing the internet is possible in the fully equipped computer room, which holds 2 computers and a multifunction printer.

All crew members and passengers can retreat to their airconditioned double cabins, which most of them are equipped with toilet and shower and an LCD TV with integrated DVD

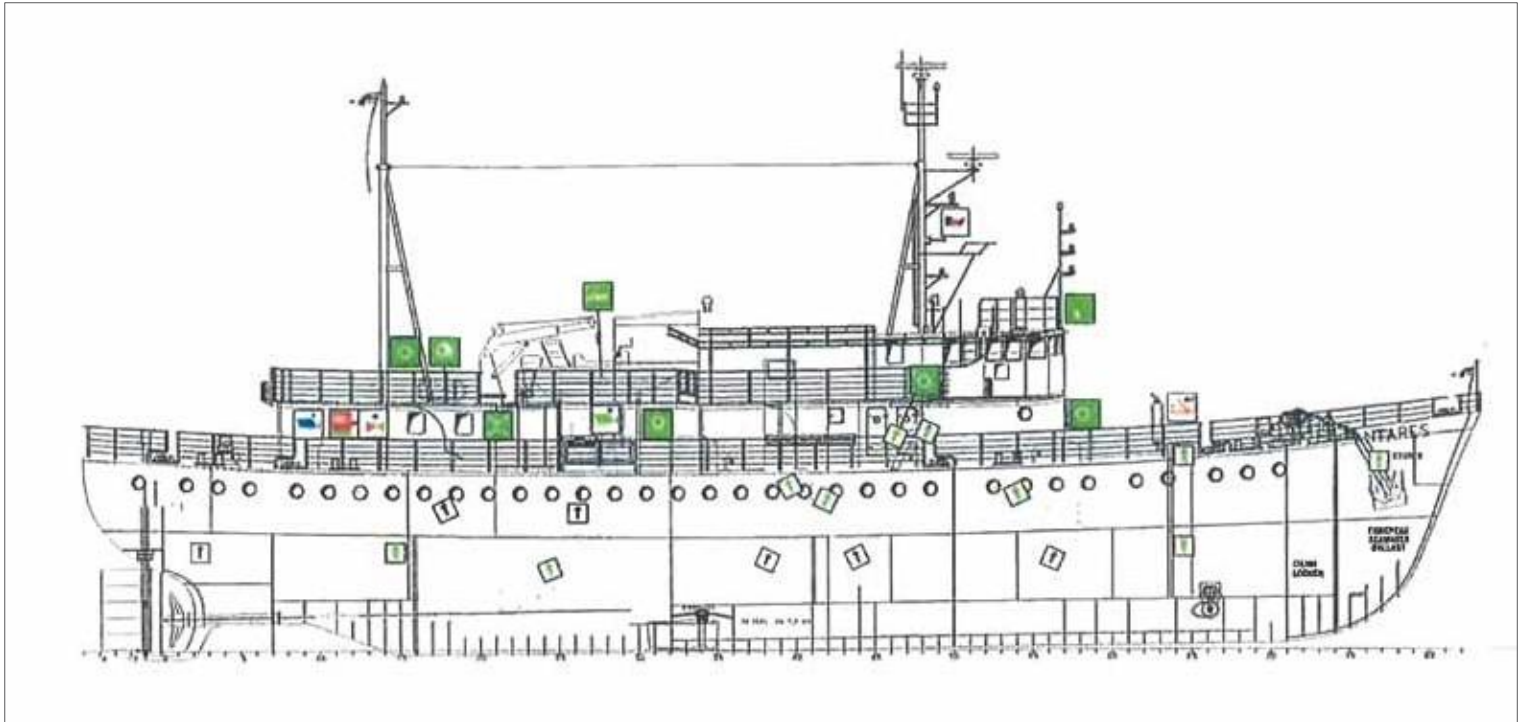
player.

Whether it's to prepare breakfast, lunch or dinner; the Cook can always rely on a well-equipped galley. The Rational White Efficiency Combi-Oven provides all-in-one possibilities for the modern chef. The additional freezer and multiple fridges enable the vessel to hold rations for up to 30 days for a full crew and passengers.

The Antares medical room is equipped to handle small injuries, as well as major trauma. In case of emergency, the ship's medic can use internet connection or a fixed satellite phone in the medical room to ask for assistance when needed.

Full details of all the permanently installed equipment is found on the specification page.

With our extensive experience in service delivery and exhaustive supplier database we are able to provide a wide range of services to our clients. Our goal is to make your mission succeed.





MV ANTARES

NAME	ANTARES	Built	The Netherlands, 1951
CLASSIFICATION	utility Vessel	RE-Built	The Netherlands, 2012
OWNER	Antares Charter	flag	Vanuatu



DIMENSIONS

LENGTH OVER ALL	45.95 m
BREADTH OVER ALL	8.40 m
DRAUGHT	3.60 m
TONNAGE	390 GT
OPERATING RANGE	
CLEAR DECK SPACE	20 m ²

CREW

MINIMUM CREW	6 (Master, Chief Officer, 2 nd Engineer, Motorman, 2 AB)
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ELECTRICAL POWER

EMERGENCY GENERATOR	220-230 Volts.
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DECK MACHINERY

DECK CRANE	2x ATLAS 3,0t at 1,92m and 1,2t at 4,6m
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MACHINERY

MAIN ENGINES	1x SMIT MAN R55 / 478kW
BOW THRUSTER	1x SCANIA VABIS DS11 82 / 118kW
AUX. ENGINE SB	1x SCANIA VABIS DS11 R80 LR / 88kW
AUX. ENGINE PS	1x SCANIA VABIS DS11 R80 LR / 88 kW
SILENT PACK	1x R80LR/88KW
MAX SPEED	11 knots
CRUISING SPEED	9 knots

CAPACITIES

FUEL CAPACITY	65.00 m ³
FUEL CONSUMPTION	SCANIA 240 LS/DAY, SILENT PACK 144 LS/DAY, SMIT-MAN 1824 LS/DAY
WATER CAPACITY	22.00 m ³
WATER MAKING	210 liters/hour

CONTROL AND NAVIGATION

AUTOPILOT	Robertson AP45
S-BAND RADAR	Furuno RDP 007
X-BAND RADAR	Furuno FAR 2117
ELECTRONIC CHART	ECDIS 900
DGPS	Simrad GN 30
GPS COMPASS	JRC
ECHOSOUNDER	Furuno FVC-1150
NAVTEX	JRC NCR 333

COMMUNICATION

SEALING AREAS CERTIFIED	A1+A2+A3
PHONE	V-SAT Telephone, including crew calling
INTERNET	KVH TracPhone V7, with adjustable fixed rate plan
NAVTEX RECEIVER ON 518 KHz	JRC NCR 333
INMARSAT C EGC RECEIVER	2 Sailor 6110
SATELLITE EPIRB	Kannad 406 E5
VHF WITH DSC RECEIVER	SAM RT 5022, SAM 6222
HF RADIO INSTALLATION	ICOM IC-M710 GMDSS
RADAR TRANSPONDER	Kannad
AIS	JRC/JHS 182
PORTABLE VHF GMDSS	1 SAILOR SP 3520, 2 ICOM

SAFETY

MOB BOAT	Viking 470/25 cv
LIFE RAFTS	2x 25 persons (25DK+); SOLAS A PACK
IMMERSION SUITS	26
LIFE JACKETS	30
EMERGENCY RADIOS	2x SAILOR SP3520 Portable VHF GMDSS
INFLATABLE LIFEJACKETS	16



 ACCOMMODATION

DOUBLE CABINS

10

1 cabin: AB Deck hand + AB Steward,
1 cabin: Motorman (+ Chief Cook),
1 cabin: Chief/2nd Engineer + Chief Officer,
7 double cabins remain for other crew

SINGLE CABINS

2

1 cabin: Master,
1 single cabin: remains for other crew

RECREATION

1 x Entertainment Room, 1 Gym, 1 Computer Room (2 PC)

MEDICAL BAY

1 x Medical Room



 DIVING

COMPRESSOR

BAUER KA 14-4 E-H Sz / 150 ltr/min / 330 bar / 4700 psi

SUITS

4x Shorty Reff 2,5 mm

JACKETS

4x Prestige Mrs. Plus

SCUBA TANKS

6 x 10l aluminium with 200 bar and mono ventil

ABC SET

4x Sets Fins, Shoes, Masks & Snorkel

REGULATOR

Mares Prestige, with diving konsole mares Mission Puck II

WEIGHTS

100kg diving weights



 FAST BOATS

TENDERS

zodiac Pro 650,
including Comfort Pack (Seat Console & Optima Seat);
yamaha F150 engine;
Garmin GPS Map 720;
GPS Map 78s;
GMR 18 radar;
VHF 300i mariphone

