



OFFSHORE SOLUTIONS UNLIMITED



In 2013, the *VESSEL* got upgraded with some state of the art appliances and technical innovations, ready to start a new life as a multi-purpose vessel. The innovations are to be found throughout the whole vessel. Costs weren't spared when making the *VESSEL* functional and ready to take on any challenge. The engine room is equipped with 3 Stork Werkspoor DRO 216 K engines, ensuring that at all times the vessel is ready to continue on each mission or voyage. The engine room workshop has been installed with the latest tools and equipment, enabling the engineers to have all at hand to maintain the vessel well. Installed with a KVH TracPhone V7-IP satellite

system, the *VESSEL* provides unlimited airtime via a speedbased fixed rate plan, upgradable to a maximum 2 Mbps download and 1 Mbps upload speed. On top, the system provides crew calling and personalized on board e-mail addresses, accessible via 2 public computers. The *VESSEL* is fitted with a Sperry Marine X-band and S-band radar system, a SAM Electronics ECDISPILOT system, 3 VHF radios, an air-band radio and an Inmarsat-C EGC receiver. Making her ready to sail in areas A1 + A2 and pass an A3 area.

The vessel comes equipped with the ability to manufacture fresh water from seawater whilst underway. This is accomplished with the Aquagiv Watermaker Pro, which can produce up to 250 liters/hour.

A gymnasium has been installed, enabling the crew and passengers to have a daily workout, by using the weights, the pull up and dip bars, a bicycle, a multi-function workout bench and much more.

After a hard day work crew and/or passengers can retreat in the two entertainment rooms equipped, from which one equipped with a

LED TV, surround and PlayStation system; and another large entertainment room equipped with a large LED TV and Blue Ray surround system. The large room can also be used as a meeting or presentation room.

The cabins on board the **VESSEL** are all air-conditioned. A limited number are single cabins with individual toilet and shower, whilst most of the cabins are double cabins with commune toilets and showers.

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 freezers and multiple fridges makes that the vessel can hold rations for up to 30 days for a full crew and

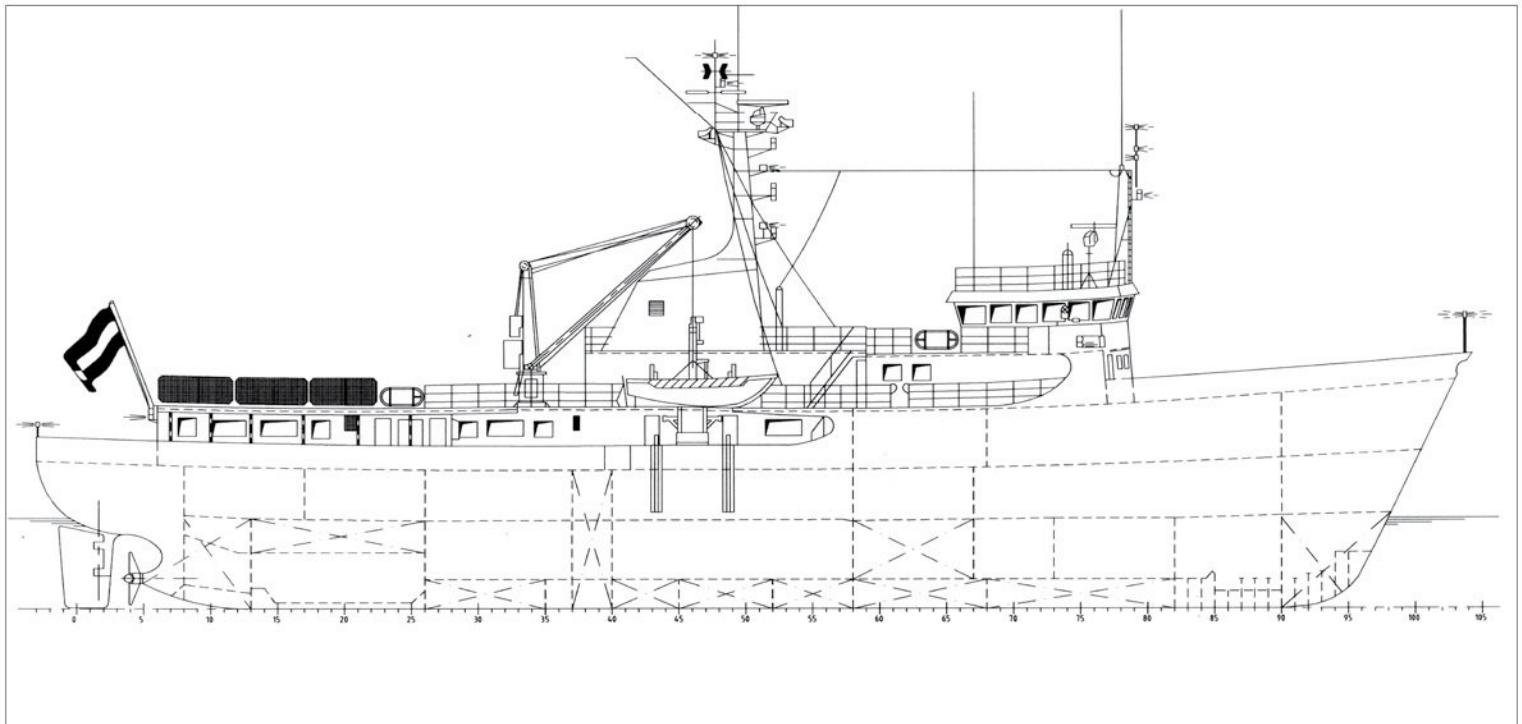
passengers.

The **VESSEL** holds a medical room that is equipped to handle injuries. In case of emergency, the ship's medic can use an 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.



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BUILT
RE-BUILT
FLAG

The Netherlands, 1977
The Netherlands, 2013
Vanuatu

DIMENSIONS	
LENGTH OVER ALL	59.00 m
BREADTH OVER ALL	10.60 m
DRAUGHT	3.71 m
TONNAGE	871 GT
OPERATING RANGE	7530NM
CLEAR DECK SPACE	90 m ²

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

ELECTRICAL POWER	
EMERGENCY GENERATOR	1 x Heemaf, 380V, 50 hz, 83kW at 1.500 rpm.
DC GENERATORS	3x Smit (Holec), 380kW
AC GENERATORS	3x Heemaf, 380V, 50Hz, 180kW

DECK MACHINERY	
DECK CRANE	1 x Palfinger PK 27000 D (1.3T /13.5KN AT 14M)

MACHINERY	
MAIN ENGINES	3x SW DRO 216 K
MAIN PROPULSION	1 x LIPS propeller, Smit Holec (1.060kW at 250 rpm)
BOW THRUSTER	1 x LIPS propeller, electrical driven (304kW at 1.200 rpm)
MAX SPEED	13 knots
CRUISING SPEED	10 knots

CAPACITIES	
FUEL CAPACITY	76,80 m ³
FUEL CONSUMPTION	Streaming time 28hrs, Permanent working 2 ME./28hrs/ 3 ME working 8hrs All consumption 28hrs/3700ltr Average consumption for MEs- 132ltr/hrs
WATER CAPACITY	49,46 m ³
WATER MAKING	250 liters/hour

CONTROL AND NAVIGATION	
AUTOPILOT	ANSHUTZ
S-BAND RADAR	Sperry Visionmaster FT
X-BAND RADAR	Sperry Bridgemaster
ELECTRONIC CHART	SAM ECDISPILOT
DGPS	LMX 420
GYRO	Anshutz
SPEEDLOG	JLN-203 Doppler Log
ECHOSOUNDER	Skipper 607
SATCOM-C	Sailor 6110 GMDSS
NAVTEX	JRC NCR-300A

COMMUNICATION	
VHF	Sailor RT-2048 Sailor DSC RM2042
PHONE	V-SAT Telephone, including crew calling
INTERNET	KVH TracPhone V7-IP
VHF HANDLING	Sailor SP3520 3pcs
MF/HF ICOM	IC-M710
DSC TERMINAL	GM-110 DSC
AIRBAND	ICOM IC A110
AIS GPS	Sperry Marine
LOG DISTANCE	JRC JLN-203
TRANSPORDER	Mcmurda S4 2pcs

SAFETY	
MOB BOAT	6 persons
LIFE RAFTS	4x 20 persons
IMMERSION SUITS	42
LIFE JACKETS	42
WORK VEST	6
EMERGENCY RADIOS	3

HELICOPTER PLATFORM	
HELICOPTER PLATFORM	1 x helicopter up to 3t



 ACCOMMODATION

DOUBLE CABINS	16	<i>1 room: AB Deck hand + AB Steward</i> <i>1 room: Motorman</i> <i>1 room: Spare parts for ship</i> 13 double rooms remain for other crew
SINGLE CABINS	8	<i>1 room: Master</i> <i>1 room: Chief Engineer + 1 room: Chief Officer</i> <i>1 room: Chief Cook</i> 4 single rooms remain for other crew
RECREATION	1 x Entertainment room, 1 x Daytime room, 1 x Gym	
MEDICAL BAY	1 x Medical Room	



 DIVING

COMPRESSOR	Bauer PE100 TW 230V
SUITS	4x Body fit 3mm suits
JACKETS	4x Jacket Seac Pro 2000
SCUBA TANKS	6x Alu Cylinders 80cft mono valve 230 bar
REGULATOR	4x Regulator Apeks XTX100 + XTX40 + manometer
DIVING COMPUTER	4x Mares Puck Pro
ABC SETS	4x Fins GP100 4x4, 4x Boss dive mask, 4x Basic HD boots
WEIGHTS	100kg diving weights
EXTRAS	6x Combination Knife/Shears



 FAST BOATS

TENDERS	2x Diesel fast boat, 20 knots 1 x SOLAS: DSB-420 IRB with Yamaha 25NMHOL Outboard engine, 2 stroke
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