



# VOS SATISFACTION



## GENERAL

Year of Build	2007
Place of Build	ABG Shipyard - India
Flag	Dutch
Port of registry	Breskens
Call Sign	PHKK
Flag	Dutch
IMO Number	9352224
Class	LR+100A+LMC+UMS+FiFi1

## PRINCIPLE DIMENSIONS

Length Overall	61.00 m
Lenght B.P.P.	54.00 m
Beam Moulded	15.80 m
Depth	7.0 m
Draught Summer	4.8 m
Gross Registered Tonnage	2163 t
Net Tonnage	648 t
Deadweight	1485 t

## MACHINERY & PROPULSION

Main Propulsion Number	2 x off Wartsila 9L20 Engines each 1800 kW
Forward Thruster	1 x off FPP 800 kW Tunnel
Aft Thruster	1 x off FPP 500 kW Tunnel
	2 x CP Propeller
Forward Thruster	1 off FPP 800 kW Tunnel
Aft Thruster	1 off FPP 500 kW Tunnel

## POWER GENERATION

Generator	2 x Volvo TAMD 165a 380 kW
Shaft Generator	2 x 1000 kW
Emergency / Harbour	1 x 95 kW
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Shaft generator	2 x 1000 kW
Emergency / Harbour	1 x 95 kW
Deck Power	440V-6 x 63 A-160 kVA- 128 kW
	440V x 230 V-180 kVA- 144 kW
	Inclusive starting Current Total Available 250 kW

## TANK CAPACITIES

Diesel Oil	550 m3
Potable Water	442 m3
Drill / Fresh water	544 m3

## PERFORMANCE

Max transit speed	12 knots
Economic speed	10 knots
Fuel usage (transit)	10m3 / day
Fuel usage (DP)	5m3 / day
Fuel usage ( in port )	0,5m3 / day

## ACCOMMODATION / OFFICES

Total Accommodation	44 in single or double cabins
On Line Survey Room	36 m2
Processing Room	28 m2
ROV Control Room	20 m2
Client / Conference	11 m2

## COMMUNICATIONS EQUIPMENT

Radar	2 x Sam Chart Radar 1100
Autopilot	102 864 NG001
Gyro Compass	2 x Anschutz STD22
Echo Sounder	DEBEG 4630
Satellite Communications (Voice)	yes
Satellite Communications (Fax)	yes
E-mail	yes
Mobile Phone	yes
Weather facsimile	Navtex
Radio installation	GMDSS Area A1, A2 , A3
VSatCom : 2 Mb Down 512 Kb Up	Immarsat F and C
Network	3 x Systems - CAT 6 1 Gb
Television	Satellite TV System KVH-N9

## SURVEY SYSTEM

DGPS	Starfox /Skyfix XP/HP
Attitude / Heading	Applanix POSMV 320
Echo Sounder	Simrad EA400 33/210 kHz
USBL	Kongsberg HiPAP 500

## CRANE LIFTING EQUIPMENT

Main Crane	TTS Model GPCKO 1250-30-20
SWL	10 tonnes x 20 m outreach
	30 tonnes x 12 m outreach
ROV Crane	4 tonnes x 12 m outreach
Provision Crane	1 ton x 12 m outreach

## 4 POINT MOORING SYSTEM

Make winches	Norcrane
Pull Capacity	60 t on 1st Layer - 100 t holding power
Wire diameter	38 mm
Wire capacity	1200 m
Special Features	Wire Lenght & pull force indicators
Anchors	4 x Flipper Delta 3000 kg

## DECK AREA AND SERVICES

Clear Deck Space	380 m2
Deck Loading	5 MT / m2
FiFi Unit	2 x 1200 m3 at 12 bar
Throwing Distance	120 m horizontal
Moon Pool	2 x Circular each 950 mm diameter

## DYNAMIC POSITIONING SYSTEM

DP Type / Class	NMD Consequence Class 1
System	Single Dynamic Positioning System
Manufacturer	Simrad Kongsberg
Positioning Ref.	2 x DGPS interface
	1 x Attitude Refe. Sensor MRU-5
	2 x Attitude Refe. Sensor MRU-2
	1 x Kongsberg HiPAP 500
	2 x Anschutz STD22
Environmental Ref.	2 x Wind Sensor
Power supplies	3 x UPS
Software options	Joystick manual heading - auto heading
Auto Position with acoustics (follow sub)	DGPS, Auto Track - Auto pilot

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented, no guarantees of accuracy can be given.