

**SSV:****VOS SATISFACTION****DP1/ 4pt mooring****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
Length 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

**TANK CAPACITIES**

MGO	550 m3 / 468 t
Potable Water	442 m3
Drill water	544 m3

**PERFORMANCE, fuel consumption**

Transit speed 12 knots	8-10 mt / day
Eco speed 10 knots	7-8 mt/ day
DP mode	5-7 mt / day
Line survey ( not dp)	4.7 mt- 6 mt / day
ROV work	3.5-5 mt / day
4pt mooring	1.5-2.5 mt/ day
Idle in port	0,5 t / day

**ACCOMMODATION / OFFICES / facilities**

Total Accommodation	44
Charters accomodation	<b>25 beds, 3 single cabin, 11 double cabins</b>
On Line Survey Room	36 m2
Processing Room	28 m2
Client / Conference meeting room	11 m2
Gym	20 m2

**COMMUNICATIONS Facilities**

Satellite communication	V-Sat 2mb down 512 Kb up Sat- F
GMDSS	A1, A2 & A3
Network	3 x Systems - CAT 6 1 Gb
Television	Satellite TV System KVH-N9

**DYNAMIC POSITIONING SYSTEM**

DP Class	Class 1
Manufacturer	Simrad Kongsberg
Positioning Ref.	2 x DGPS interface
MRU	1 x Attitude Refe. Sensor MRU-5 2 x Attitude Refe. Sensor MRU-2
HPR	1 x Kongsberg HiPAP 500
Gyro Compass	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

**SURVEY SYSTEM**

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

**4 POINT MOORING SYSTEM**

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

**DECK AREA AND SERVICES**

Clear Deck Space	380 m2
Deck strength	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
Tugger winch	8 mt pull

**POWER**

Deck Power	Max 250 Kw
Primair & secondair transformers	180 kva
Total Connections	18 pcs
Connections Portside & Starboard side	2 pcs 440V~60hz, 63 Amp 3 pcs 400V~60 hz 32 Amp 4 pcs 230V-60 hz 16 Amp

**CRANE LIFTING EQUIPMENT**

Main Crane	TTS knuckle boom Model GPCO 1250-30-20
Main hoist wire lenght	500 m
SWL	30 mt @ 12 m , 10 t @ 20 m
Aux hoist wire length	500 m
SWL	5 mt @ 18.5 m
ROV Crane	4 tonnes x 12 m outreach

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.