



MV. VIGILANT

General

Vessel name	Vigilant
Call sign	P.B.N.X.
Flag	Dutch
Class	Lloyd's Register
Built	1982
IMO	number 8027406
Length	71.40 mtr.
Breadth	11.60 mtr.
Draft	4.20 mtr.
Gross tonnage	1365
Net tonnage	409

Technical details

Main engines	2 x Ruston 2820 Hp each Radar 2 x Furuno
Aux. Engine	3 x Paxman 195 Kw each Giro 2 x Sperry
Power	415 / 220 volt Auto pilot 2 x Naviplot
Hertz	50 MF / HF radio Sailor
Emergency generator	1 x Gardner 58 Kw VHF 3 x Sailor
Propellers	2 x Variable Pitch Weather receiver Navtex
Rudders	2 x
Bow Thruster	Tunnel thruster 447 BHP
Water maker	Reverse osmosis GPS 2 x 6000 litres daily
Fresh water capacity	60 cum
Maximum speed	18 knots

Bridge equipment

Radar	2 x Furuno
Giro	2 x Sperry
Auto pilot	2 x Naviplot
MF / HF radio	Sailor
VHF 3 x	Sailor
Weather receiver	Navtex
Weather fax	Taiyo TF-721
Echo sounder	Marconi
GPS	2 x
Satcom C	2 x Sailor
Mini M	Nera
Watch Alarm	Marble MS 421

Speed and fuel consumption

Sprint power 2 shafts	18 knots - 20 cum/day
Full power, (85%), 2 shafts	17 knots - 17 cum/day
Half-ahead, (50%), 2 shafts	14,5 knots - 10 cum/day
85% power, 1 x shaft only	14 knots - 8,5 cum/day
50% power, 1 x shaft only	12 knots - 6 cum/day
Cruising	10 knots - 4 cum/day
Cruising	5 knots - 2 cum/day
Alongside	0 knots - 0,8 cum/day

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Safety Equipment

Life rafts	4 x 16 persons RFD
MOB boat	1 x Fassmer 6 persons
Life jackets	Each cabin
Survival suits	Each cabin
EPIRB	1 x 406 Ghz.
SARTS	2
Portable VHF	3 x Navico Line throwing 4 x Comet
Parachute flares	12
Smoke detection	Minerva

Other information

Moon pole	14 Inch
Accommodation	22 cabins single
Survey room	1 x 8 x 2.5 mtr. 3 cabins double
Mess/ lounge	2
Deck space	appr. 200 m ²
Crane (starboard)	1 x hydraulic Grove SWL 1,1 ton @ 5,32 mtr
Crane (port)	1 x hydraulic HS Marine SWL 2,2 ton @ 9,48 mtr

