

SEA GUARDIAN

Guard/Survey/Support Vessel



Specification Sheet

Main Details:

Year of construction:	1994
Vessel Name:	Sea Guardian
Flag:	Panama
IMO Number:	8594382
Call Sign:	HOA5475
MMSI:	352002127
Class :	PMDS
	Unrestricted 150 Nm from shore
	Support Vessel
	Sea area GMDSS A2

Dimensions:

L.O.A :	20,89 mtr
Width :	6.00 mtr
Draught :	1.70 mtr
Net Tonnage :	46 NT
Gross Tonnage :	57 GT

Propulsion system:

Main engines :	2 x Caterpillar 3412
Total power :	2 x 895 KW
Gearboxes :	2 x ZF-Twindisk
Propellers :	2 x variable pitch propellers
	4 blade
Bow thruster :	1 x 35 KW hydraulically driven

Steering gear:

Twin Rudders with FU / NFU and local control + emergency control

Electrical Equipment:

Network :	24 V D.C., 230 V / 400 V 50 Hz
Generator set :	2x Caterpillar C2.2
	Power management / auto-start
Capacity :	2 x 27 kW 35 KVA

Deck equipment:

- FRC with 240 hp inboard engine, waterjet
- MGO fuel transfer pump
- Boarding gates en Rescue zones PS and STBS

Speed:

Max Speed :	25 knots @ 400 ltr/h
Cruising Speed :	19 knots @ 340 ltr/h
	17 knots @ 300 ltr/h

Tank capacity:

Fuel oil :	9,6 M ³
Fresh water :	3 M ³
Waste water :	1.0 M ³
Black water :	1.5 M ³

Communication & Navigation Equipment:

Modern navigational aids on board. Vessel is equipped for GMDSS A2

X-band radar :	1 x Furuno 2117 FAR
	1 x Furuno 1835 ARPA
GPS-receiver :	1 x Furuno GP-150
	1 x Furuno GP-32
GMDSS VHF/DSC :	2 x Sailor 6222
GMDSS Handheld :	2 x Sailor 3500
MF / HF DSC radio :	1 x Furuno FS-1562
Gyro Compass :	1 x Furuno SC-50
AIS system :	1 x Furuno FA-150
Magnetic compass :	1 x Anshutz
Autopilot :	1 x Simrad AP-50
Echo sounder :	1 x Furuno
Wind indicator :	1 x B&G
Navtex :	1 x Furuno NX-300
Epirb :	1 x Jotron Tron60S
SART :	1 x Jotron Tronsart
VSAT/4G :	1 x Sailor 800
Wi-Fi :	in accommodation
Ships computer :	1 x PC workstations with internet and printer

Special features:

FW Maker:	Idromar MC2J / Capacity 150 ltr/h
MOB equipment:	Markus LifeNet
Rescue zones:	Rescue zone on both sides/rear

Accommodation (fully air conditioned):

Cabins :	3 single crew cabins 1 double
Bunks :	Total 6 bunks
Mess room / Dayroom	(Wi-Fi included)
Pantry/ Galley fully equipped	

Other Capacities:

Minimum Crew :	4
Maximum Crew :	6
Deck space :	20 M ² :
Life rafts :	2 x 6 pers Survitec

All particulars believed to be correct but not guaranteed