

GROEN

Offshore, Guard & Support

AMBER-G

Seismic Research / Support / Survey Vessel



Specification Sheet

Main Particulars

Builder:	De Hoop Engineering BV
Year built:	2024
Flag:	Marshall Islands
IMO Number:	9731274
MMSI:	538010904
Call Sign:	V7A6297
Minimum Safe Manning:	7
Classification:	Lloyds Register
Notation:	✠100A1 SSC Patrol, MONO, G6, MCH, UMS, DP(AM)

Dimensions

L.O.A.:	55.24
Breadth:	9.0m
Dept:	4.50m
Draught:	3.1m
Nett Tonnage:	147t
Gross Tonnage:	490t

Performance

Max Speed:	20.5 knots
Approx. Consumption at Max Speed:	0.6m ³
Eco Speed:	13 knots
Approx. Consumption at eco Speed:	0.130m ³
Guard / Standby	5 knots
Approx. Consumption at Guard / Standby duties:	0.033m ³
Type(s) and Grade(s) of Fuel Used:	MGO low Sulphur
Endurance:	30days
Fuel economy:	Hull Vane fitted Diesel electric drive consumes approx. 75kW at 5hrs fuel consumption monitoring

Machinery

Main engine:	2x 2350 kW Caterpillar 3516C Diesel-Electric drive 2x 350kW
Propellers:	2x fixed pitch
Rudders:	2x 60° maneuvering, 2x 40°@DP
Trusther Bow:	1x Veth/Rotor 135kW@1800rpm
Shaft Generator:	LeRoy Sommer 800kW@1500rpm
Aux power:	2 x C9,3 Caterpillar 275kW@1800 rpm

Deck Equipment

Crane:	2.0t @12,6m & 5.9t @5.6m
Workboat Davit:	15t Vestdavit
Rescue Net:	Jason Cradle
Rescue zones:	Gate+swing ropes in PS & SB Bulwarks
TS-Dip winch:	Pomek DW 500 SS, with 1000 mtr dynema rope
Hydraulic A-Frame	1x DIN 15018, 8-10t@5m

Navigation Equipment

DP System:	DP1- Navis 4000
References	2x DGPS in C-NAV 3050 1x Glonass Trimble SPS351
Joystick system:	Navis C-Joy, bridge mounted & remote control units
Electronic Charts:	2x ECDIS Transas Navisailor 4000
Radars:	2x JRC JMR 5410 X-Band
Satelite Compass:	1x JRC JLR 21
Automatic Pilot:	1x Navis (intergrated in DP system) 1x Alphapilot (stanalone pilot)
Echo Sounder:	1x JRC JFE 380
Navtex:	1x JRC NCR 333
Magnetic compass:	1x Aphaatron SR4
Gyro Compass:	Alphatron (Alphacorse G)
Search Light:	1x Forward facing 1000 watt 1x aft facing 1000 watt
CCTV:	Engine spaces/Public areas/workdeck/Pax area
ADCP/Current meter:	Nortek VMCP 600 khz Incl. Interface box and dedicated bridge pc for client usage with prewired gyro and gps interface.

Bunker/Towing/Storage capacity

Fuel Oil:	142.0m ³
Fresh Water:	42.0m ³ per day
F.W. Maker:	2x RO watermakers @ 5m ³ / 24 hr each

Storage capacity

Cool store:	7.5 m ³
Freeze Store:	7.5 m ³
Clear Deck:	approx. 80m ²
Seawage holding:	27.9m ³
Deck Container:	1x 36 seats or Survey room container fitted Equipped by medical treatment room 1 x container fore deck 28 seats

Accommodation

Accomodation:	12 x double (2P) cabins
Passengers:	All cabins fitted with ensuite shower / toilet. All cabins fitted with wired LAN or WiFi 64 passenger seats Storage racks for hand luggage Buffet with coffee / Tea / water / softdrinks

All particulars believed to be correct but not guaranteed