

MARIANNE-G
Seismic Research Support Vessel



Specification Sheet

Main Particulars

Builder:	Yantai Salvage Shipyard
Year built:	2008
Flag:	Panama
IMO Number:	9520144
MMSI:	357982000
Call Sign:	3FTA9
Minimum Safe Manning:	9
Classification:	RINA
Notation:	C \star , ICE CLASS IC

Dimensions

L.O.A.:	57.40m
Breadth:	13.80m
Dept:	5.0m
Draught:	4.0m
Nett Tonnage:	428t
Gross Tonnage:	1428t

Performance

Max Speed:	12 knots
Eco Speed:	9.0 knots
Type(s) and Grade(s) of Fuel Used:	MGO low Sulphur

Machinery

Main engine:	2x Yanmar 6EY26, (2x 1471 kW)
Propeller:	2x bronze 4 blades CPP with Kort nozzle
Rudder:	2x independent
Bow Thruster:	1x Wuhan Kawasaki Marine, 6 Ton thrust, 400kW
Diesel Gen Set:	2x Cummins NTA855-G1(M), 240 kW
Shaft Generator:	1x Stamford HC.64J, 600 kW

Deck Equipment

Deck Crane(s):	Heila HLRM 230 4 SLK 10t @16m Y160L-4H - 2t@8m
Work Boat Davit	1x Vestdavit 11t SWL
MOB Davit:	1x Jiangyin HaiHong Marine, 1.4t SWL
Anchor Windlass:	1x 5t@5m/min
Capstan (Aft):	2x 5t@10m/min
Fuel Hose Reel:	230m
Towing Winch:	1x Hydraulic, 800m 51t@5m/min
Bollard Pull:	38,5t

Safety Equipment

Life rafts:	6x 25 pers
MOB Boat:	1x Rigid Rescue Boat, 6 pers with inboard engine DV24RME

Communication Equipment

GMDSS:	A1,A2,A3,A4
SBB Radio:	1x Furuno FS-2570C
MF/HF Radio:	1x Furuno FS-2570C
VHF Radio:	2x Furuno 8800D 2x Furuno 8800S 1x Icom model IC-M506 1x Icom model IC-M323
Portable VHF:	2x McMurdo Marine R1 GMDSS 1x Jotron Tron TR20
Inmarsat Sat-C:	1x Furuno Felcom 15 / IB-583
SSAS Inmarsat mini-C:	1x Furuno Felcom 16
Internet Broadband	Starlink System
Radio Telex:	2x Furuno IB-583
Iridium:	1x Iridium Open Port
AIS:	1x Furuno FA-150
E.P.I.R.B.	1x JORTON/TRON60S
UHF Radio:	2x Standard horizon HX407
SART	2 x Tron SART20

Navigation Equipment

Radars:	1x Furuno FAR-2125 / RDP-124 1 x Furuno FAR 2117
GPS Navigation:	1x Furuno GP-150; 1xFuruno GP-170
Echo Sounder:	1x Furuno FE-700
Navtex:	1x Furuno NX700
Weather Fax:	1x Furuno Fax-207
Speed Log:	1x Furuno DS-80
Gyro Compass:	1x Anschutz STD 22
Magnetic Compass:	1x Tokimec SH
Sat Compass	1x JRC, JLR-21
Auto Pilot:	1x Anschutz NautoPilot NP 2015
ECDIS:	2 x Transas NaviSailor 4000

Bunker/Storage capacity

MGO:	226m ³
Cargo Fuel:	700m ³
Fuel Transfer:	4" TODO
Ballast Water:	274.9 m ³
Fresh Water:	62m ³
Fresh Water Maker:	4.8m ³ /24hr 2.5m ³ /24hr
Freezer:	8.7 m3
Chiller:	10.3 m3
Dry Storage:	150m ² (cargo hold)
Clear Deck:	300m ²
Reefers containers:	1x 20ft in the cargo hold 1x 10ft in the cargo hold