



# Specifications

## Offshore and support vessel

### “Marianne-G”



**Year of construction:** 2008  
**Vessel Name:** “Marianne-G”  
**Owner:** Rederij Groen BV  
**Flag:** Panama  
**IMO Number:** 9520144  
**Call Sign:** 3FTA9  
**MMSI:** 357982000  
**Class :** DNV GL  
**Notation :** 1A1 Supply vessel Ice C

#### Dimensions:

L.o.a : 57.40 Mtrs.  
Width : 13.80 Mtrs.  
Draught : 4.0 Mtrs  
Net Tonnage : 428  
Gross Tonnage : 1428

#### Generator(s):

Cummins : 2x NTA855-G1(M), 240 kW  
Shaft Gen. : 1x Stamford HC.64J, 600 kW

#### Main engine(s):

Yanmar : 2x 6EY26, (2x2500 HP)

#### Propulsion system:

Propeller : 2x bronze 4 blades CPP  
with Kort nozzle  
Rudder : 2x independent

#### Bow Thruster:

1x Wuhan Kawasaki Marine, 6 Ton thrust, 400kW

#### Anchor(s):

2 x 1590 kg with Port-192.5 m STB-165 m chain

#### Crane(s)/Lifting material:

Deck Crane : Heila HLRM 230 4 SLK : 10 ton  
: 25 Ton @ 7.5 mtr  
@Max outreach 16.5 mtr  
A-Frame : 1x Vestdavit 10 Ton SWL  
MOB Crane : 1x Haihong Marine, 1,4 Ton SWL

#### Deck Equipment:

Anchor Windlass : 1x 5 Ton @ 5 m/min  
Tugger Winch : 1x 0.5 Ton @ 15 m/min  
Mooring Winch : 1x 5 Ton @ 5m/min  
Capstan (Aft) : 2x 5 Ton @ 10m/min

#### Safety Equipment:

MOB Boat : 1x Rigid Rescue Boat, 6 pers  
with outboard motor 25HP  
Life Rafts : SOLAS Approved 6x 25 pers.

#### Special features:

Fuel Hose Reel : 220 mtr  
Towing Winch : 1x Hydraulic, 800 mtr  
50 Ton @ 5m/min

#### Communication Equipment:

SSB : 1x Furuno FS-2570  
GMDSS Compl. : A1 – A2 – A3 – A4  
MF/HF radio : 1x Furuno FS-2570  
VHF Radio : 2x Furuno 8800D  
: 2x Furuno 8800S  
: 1x Icom model IC-M304  
: 1x Icom model IC-M323  
Portable VHF : 2x McMurdo Marine R1 GMDSS  
1x Jotron Tron TR20  
Sat-C : 2x Furuno Felcom 15 / IB-583  
T.O.R : 2x Furuno  
Iridium : 1x Iridium Open Port  
AIS : 1x Furuno FA-150  
E.P.I.R.B. : 1x SafeSea E100G  
UHF Radio : 2x Motorola GM-380 Fix  
SART : 2x McMurdo S-4 Rescue SART

#### Navigation Equipment:

Radar : 1x Furuno FAR-2125 / RDP-124  
Radar : 1 x Furuno FAR 2117  
GPS Navigation : 1x Furuno GP-50  
Echo Sounder : 1x Furuno FE-700  
Navtex : 1x Furuno NX-700B  
Weather Fax : 1x Furuno Fax-207  
Speed log. : 1x Furuno DS-80  
Gyro Comass : 1x Anschutz STD 22  
Sat.Compass : 1x Furuno SC-50  
Magn. Compass : 1x Tokimec SH  
Automatic Pilot : 1x Anschutz NautoPilot NP 2015  
Electronic Charts : 1x Transas Navigator

#### Bunker/Towing/Storage capacity:

Fresh Water : 62 m<sup>3</sup>  
Ballast Water : 278 m<sup>3</sup>  
CargoFuel (85%) : HFO-700 m<sup>3</sup> : cargo tanks  
MGO (85 %) : 226 m<sup>3</sup> : own tanks  
Fuel Transfer : 4” TODO (HFO or MGO)  
Bollard Pull : 50 Ton  
Clear Deck Aft : 300 m<sup>2</sup>  
Freezer/Chiller : 10” / 17” container (cargo hold)  
Dry Storage : 150 m<sup>2</sup> (cargo hold)

#### Speed/Fuel Consumption:

Max Speed 15 knots : 14000 ltr/24 hrs  
Eco Speed 11.5 knots : 11500 ltr/24 hrs

#### Watermaker(s):

FW Maker: 1x Fontemar TSC  
2.5 m<sup>3</sup>/per day (only with FS)  
1x Aquamar-AQ-6D  
4.8 m<sup>3</sup>/per day

#### Accommodation (fully air conditioned):

Total Accommodation : 14 cabins (38 bunks)  
Berths (cabin x persons) : 3x1p, 4x2p, 3x3p, 3x4p, 1x6p