

Specifications Crew Tender Vessel “Merel-G”



Main Details:

Year of construction: 2015
Vessel Name: Merel G
Owner: Rederij Groen BV
Flag: Panama
IMO Number: 9782285
Call Sign: HO-6511
MMSI: 374011000
Class : Lloyds
 Light Ship
 Fast Utility Vessel
 Sea area 3

Dimensions:

L.o.a : 25.75 Mtrs.
 Width : 10.40 Mtrs.
 Draught : 1.75 Mtrs.
 Net Tonnage : 144.41 T
 Gross Tonnage : 180.51 T

Propulsion system:

Main engines : 2 x Caterpillar C 32 TTA
 Total power : 2 x 895 Kw (total 2410 HP)
 Gearboxes : Reijntjes ZWVS 440/1 with PTO
 Propellers : 2 x fixed pitch propellers
 Bowthruster : 2 x 50 KW hydraulically driven
 Hydrosta / Sider 80/100

Steering gear:

Twin Rudders with Sperry steeringgear

Hull Material:

Hull and Superstructure Aluminium
 Plating : EN-AW 5083
 Extrusions : EN-AW 6082

Electrical Equipment:

Network : 24 V D.C., 230 V / 400 V 50 Hz
 Single and parallel mode
 Generator set : 2 x Generator set Caterpillar C2.2
 Capacity : 2 x 22.5 KW / 28 KVA

Deck equipment:

Deck Crane : 1 x telescopic knuckle boom
 crane SWL 2200 kg
 Heila / HLM 20-2S
 outreach 14.66 M
 FRC Davit : Global davit / RHP 27 / 3.1
 FRC : WRH 6.35 / 15 pers / Solas
 2 x 75 HP outboard engines

Tank capacity:

Fuel oil : 14,2 M³
 Fuel oil trimtank capacity : 8,0 M³
 Fresh water : 1,8 M³
 Waste water : 0,5 M³
 Bilge water / Dirty oil : 0,33 M³
 Range : 1210 NM

Rederij Groen BV
 www.rederijgroen.nl
 Email: info@rederijgroen.nl
 Telephone +31 70 355 35 88

Special features:

FW Maker : Horizon Seafari
 Capacity : 5m³ / 24 hr
 Searchlights : 2 x 1000 Watt
 Make : MP – Pesch
 Type : WS 463 HGS
 Intercom system : Alpatron / Alphacall
 CCTV camera system : 1 x Orlaco SB08
 Helicopter winching zone : 5 meter diameter on
 fore deck
 Dacon scoop : Dacon scoop 3 x 8 mtr
 Resque zones : Resque zone on both
 sides of the vessel

Communication & Navigation Equipment:

Modern navigational aids on board
 Vessel is equipped for GMDSS A3

X-band radar : 2 x JRC JMA5212
 GPS-receiver : 1 x Furuno GP-170
 1 x JRC JRL - 20
 Inmarsat-C : 2 x Furuno Felcom-18
 with LRIT
 GMDSS VHF/DSC : 2 x Sailor RT-6222
 VHF : 1 x Sailor RT 6210
 GMDSS Handheld : 2 x Sailor SP3520
 MF / HF DSC radio : 1 x Sailor 6000
 / 150 watt
 Gyro : 1 x Anschutz STD22
 Dual ECDIS : 1 x Maris ECDIS-900
 AIS system : 1 x JRC / JHS 182
 Magnetic compass : Cassens & Plath
 / Reflecta
 Satellite compass : 1 x JRC / JRL- 20
 Autopilot : 1 x Alpatron
 Seapilot MFC
 Echo sounder : 1 x JRC / JFE 380
 50 – 200 Khz
 Windindicator : 1 x Alpatron
 Alphawind MFC
 Navtex : 1 x JRC / NCR 333
 Epirb : 1 x Mcmurdo E5
 SART : 1 x Mcmurdo S4
 Satellitephone : 1 x Sailor FBB 150
 VSAT : 1 x KVH V7
 Ships computer : 2 x PC workstations
 with internet

All particulars believed to be correct but not guaranteed.

Speed:

Max Speed : 24 knots
Cruising Speed : 20 knots

Fuel consumption:

430 ltr / hr @ 24 knots
300 ltr / hr @ 20 knots
165 ltr / hr @ 16 knots

Accommodation (fully air conditioned):

Cabins : 3 crew cabins / 6 berths total
Mess room / Dayroom
Pantry
Personnel seating areas with 12 seats / Norsap 800
Hospital facility provided

Other Capacities:

Crew : 5
Industrial Personnel / PAX: max 12
Deck cargo foredeck : 15 Ton
Maximum deckload : 1,5 Ton / M²
Deck space : 90 M²
Container capacity : 3 x 10 FT or 1 x 20 FT
Life rafts : 2 x 20 pers Viking

