

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 Register ✠100A1 SSC Workboat, Catamaran, HSC, G3 ✠LMC

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 M ³
Fuel oil trimtank capacity	: 8,0 M ³
Fresh water	: 1,8 M ³
Waste water	: 0,5 M ³
Bilge water / Dirty oil	: 0,33 M ³
Range	: 1210 NM

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Special features:

FW Maker	: Horizon Seafari Capacity : 5m ³ / 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
Satelite 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
Satelitephone	: 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

