

## “GREEN WATER”

Fast Crew Supplier 2610



### SPECIFICATION SHEET

#### Main Particulars

Owner:	Rederij Groen BV
Year of construction:	2012
Refurbished:	2020
Hull Material:	Aluminium
Superstructure material:	Aluminium
Basic functions:	Crew and cargo duties
Classification:	Lloyds Register
Flag:	Luxembourg
IMO Number:	9654543
MMSI:	253667000
Call Sign:	LXWH

#### Dimensions

Length overall:	23.98m
Beam overall:	10.27m
Draught:	2.2m
Net tonnage:	50t
Gross tonnage:	167t

#### Tank capacities

Fuel oil:	14.0m <sup>3</sup>
Fuel oil trim tank capacity:	7.5m <sup>3</sup>
Fresh water:	4.0m <sup>3</sup>
Waste water:	0.5m <sup>3</sup>
Bilge water / dirty oil:	0.4m <sup>3</sup>

#### Performances

Max speed:	22 knots
Range at max. speed:	1,210NM
Fuel consumption (20 / 22 knots):	440ltr/hr
Fuel consumption (16 / 18 knots):	350ltr/hr

#### Propulsion system

Main engines:	2x Caterpillar C32 TTA
Total power:	2x 895Kw (Total 2400HP)
Gearboxes:	Reintjes ZWVS 440/K21-PTO
Propellers:	2x Fixed pitch propellers
Bow thrusters:	2x 45Kw hydraulically driven Hydrosta / Sider 80/100

#### Electrical equipment

Network:	24V DC, 400/230V 50Hz AC Single and parallel mode
Generator sets:	2x Generator set Caterpillar C2.2
Capacity:	2x 22.5Kw/28KVA

#### Deck lay-out

Deck Crane:	1x telescopic knuckle boom crane SWL 2500 KG, max outreach 12.5 m type Heila / HLM 20-5S
Deck space:	90 m <sup>2</sup>
Deck cargo foredeck:	15 ton
Maximum deck load:	1,5 ton / m <sup>2</sup>
Container capacity:	2x 10 ft or 1x 20 ft
Helicopter winching zone:	5 meter diameter on fore deck

#### Accommodation

Cabins:	6 berths total 2x single cabin & 2x double cabin
Messroom & Pantry:	Main deck
PAX seats:	Up to 18 PAX
Life rafts:	2x 15 persons

#### Communication & Navigation equipment

Modern navigational aids on board Vessel is equipped for GMDSS A1 + A2	
X-band radar:	2x JRC JMA5212
GPS-compass:	1x JRC JRL-20
GMDSS VHF / DSC:	1x Sailor RT 6222
VHF:	1x Sailor RT 6210
GMDSS Handheld:	2x Sailor SP3520
MF / HF DSC radio:	1x Sailor RT 6301
ECDIS:	1x Transas ECDIS-NS 4000
AIS system:	1x JRC / JHS 182
Magnetic compass:	1x Universal
Autopilot:	1x Alphanon Seapilot MFC
Echo sounder:	1x JRC / JFE 380 50 - 200Khz
Wind indicator:	1x Alphanon Alphawind MFC
SAR finder:	Sea Marshall 1003
Navtex:	1x JRC / NCR 333
Epirb:	1x Mcmurdo E5
SART:	1x Jotron-Sart 20
V-SAT:	1x Sailor Cobham 7016C

#### Special features

Fresh water maker:	Horizon Seafari Capacity 5m <sup>3</sup> /24hrs
Searchlights:	1x 1000W Seamatz, 79621
Intercom system:	Alphanon / Alphacall
CCTV system:	1x Panasonic WJ-HL208 (7 points)
Rescue zone:	On both sides of the vessel
Jason cradle:	1x