



General

Owner:	Rederij Groen BV
Year of construction:	2020
Hull Material:	Aluminium
Superstructure material:	Aluminium
Basic functions:	Crew and cargo duties
Classification:	IACS Class
Flag:	United Kingdom
IMO Number:	9887865
MMSI:	232028492
Call Sign:	MHPX4

Dimensions

Length overall:	26.8 m
Beam overall:	10.5 m
Depth at sides:	4.3 m
Draught max:	2.3 m
Cargo deck area:	90.0 m ²
Gross tonnage:	235
PAX capacity:	Up to 24 PAX

Tank capacities

Fuel oil:	30.5 m ³
Fresh water:	3.5 m ³
Sewage:	0.5 m ³
Bilge water / dirty oil:	0.4 m ³

Performances

Speed:	25 knots
Range at max. speed:	1,200 nm

Propulsion system

Main engines:	2x Caterpillar C32 TTA
Total power:	Up to 2,162 bkW
Gearboxes:	2x Reintjes ZWVSA series (two-speed)
Propulsion:	2x Fixed pitch propeller
Bow thrusters:	2x 64 kW, hydraulically driven

Electrical equipment

Network:	24V DC, 400/230V 50Hz AC
Generator sets:	2x 38.0 ekW

Deck lay-out

Anchor equipment:	1x 150 kg SHHP Pool TW, Chain, electric winch
Fendering:	Heavy-duty bow fender, rubber "D" type at sides
Maximum Deckload:	1.5t/m ²

Ship systems

Ship systems are according to Class	
Fuel transfer system:	2x pump, electrically driven
Engine room ventilation:	2x Extraction fan, 8,000 m ³ /hr each (one fan in each engine room)
Air-conditioning:	Up to 110,000 BTU/hr
Fire extinguishing:	Novec 1230 in engine rooms

Accommodation

Bridge deck:	Wheelhouse, crew mess
Main deck:	Personnel area, crew cabins wet gear room, pantry, mess room, sanitary spaces
Lower deck:	Storage

Nautical and Communication equipment

Integrates navigation system
Remote monitoring system
Searchlight
Radar (X-band)
AIS
Compass (Magnetic)
Compass (GPS)
Autopilot
Echo Sounder
Internal communications
External communications (GMDSS A2)
Weather system

Optional

Bilge water separator:	1x 0.5 m ³ /hr
Liquid cargo tank:	7.1 m ³
Moonpool	
Hoisting equipment:	Foldable deck crane, up to 20 tm
Rescue zone	
Rescue cradle	
Fuel cargo system	
Crew accommodation:	Up to 8 berths
Cabins:	2* Single cabins 3* Double cabins
Personnel accommodation:	Alternative seats (VIP), alternative layout
Various navigation equipment	
CCTV system	
External communication:	GMDSS A3
Data communication:	Iridium, V-SAT, Fleet broadband, 4G, Wi-Fi system, LAN system