



M.V. WAHA MERMAID

ANCHOR HANDLING SUPPLY VESSEL / TOWING / FiFi-1

Issued: July 2026, Rev0

PRINCIPAL PARTICULARS

Year Built	2006
Builder	Guangdong Hopeyue Shipbuilding Ltd.
Flag	Saint Vincent and the Grenadines
Class	ABS /  A1, Towing Vessel, AH, Fire Fighting Vessel Class 1,  AMS
IMO No.	9320582
Call Sign	J8B4878
Official No	11351
GRT / NRT	1083 / 325

DIMENSION

Length Overall	50.0 m
Length BP	42.0 m
Breadth Moulded	13.80 m
Depth Moulded	6.0 m
Draft	4.8 m
Lightship	1151.47 MT
Deadweight	Approx. 818.85 T
Displacement	1977.94 T
Deck Cargo	300 T
Clear Deck Area	260 m ²
Deck Strength	5 T/m ²

SPEED

Max Speed	12.00 Knots
Service Speed	10.00 Knots

MACHINERY

Main Engines	2 x 2025 kW @ 1000 RPM Wartsila 6L26A
Propulsion	2 x Azimuth CPP in Kort Nozzles
Aux. Generators	3 x 340 kW @ 1500 RPM, CAT 3408 415V/50Hz/3PH
Emergency Generator	1 x 52 kW @ 1500 RPM, Perkins 1004 TG2 415V/50Hz/3PH
Bow Thruster	1 x 325 kW @ 443 RPM, Wartsila CT-125H

TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	68.0 MT
Anchor Windlass	HATW-GY34-10T, Electro-hydraulic 10 T & 5.0 T @ High Speed 30 m/min. Speed: 9 m/min for Gypsy 15 m/min Low Speed (for Drum) 30 m/min High Speed (for Drum) Brake Holding: 180 T @ 1 st layer Drum Cap.: 220m x 100mm P/P Rope Line Pull: 35 MT @ 15 m/min (1 st layer)
Anchors	2 x 1140 kg Stockless Anchors with 110 x 32 mm anchor chain Mentrade AHTW-150T Hydraulic Double Drum 150 T @ 6 m/min (1 st speed) 71 T @ 12 m/min (2 nd speed) 50 T @ 18 m/min (3 rd speed) 23.5 T @ 36 m/min (4 th speed) Brake Holding: 200 T @ 1 st layer
Towing / AH Winch	
Upper Drum (Tow)	1000 m x 56 mm SWR
Lower Drum (AH)	1000 m x 56 mm SWR
Stern Roller	SWL 150 T (5.50 m x 1.6 m)
Shark Jaws	SWL 300 T Electro-hydraulic Karmfork
Tow Pins	2 X Electro-hydraulic w/ Turntable top flaps
Capstan	2 x 5 T @ 15 m/min Mentrade HVC-5T Electro-hydraulic
Tugger Winch	Mentrade HUW-10T Electro-hydraulic 2 x 10 MT @ 15 m/min
Deck Crane	Palginfer PK23080(M)B 2 MT @ 10 m

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

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Anchor Handling Supply Vessel / Towing / Fi-Fi 1



CAPACITIES

Fuel Oil	597.8 m ³
Fresh Water	413.3 m ³
FW/Ballast Water	328.0 m ³
Dirty Oil	6.4m ³
Foam / Dispersant	16.3 m ³ / 16.3 m ³
Sewage	6.4 m ³

PUMPS

Fuel Oil	1 x 80 m ³ /hr @ 75 m head
Fresh Water	1 x 80 m ³ /hr @ 75 m head
Bilge Ballast	1 x 50 m ³ /hr @ 55 m head

ACCOMODATION (Fully Air-Conditioned)

One-man cabin	2
Two-men cabin	7
Four-men cabin	3
Total	28 Berths
Hospital	1 no. with 1 bed

AUXILIARY EQUIPMENT

Oily Water Separator	1 x 1 m ³ /hr @ 15 ppm, Wuhan Xingda
Sewage Treatment	1 x (30 men) 2240Ltrs/day Wuhan Xingda Marine

LIFE-SAVING APPLIANCES

Rescue Boat	1 x 6 persons Rescue Boat
Life Raft	2 x 25 persons each side, SOLAS Approved
Life Jacket	44 Nos. with whistles, reflective tape and self-igniting lights
Life Buoy	8 Nos.

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS: A1, A2, A3	
Radar	2 x Furuno X-Band with ARPA
Echo Sounder	1 x Furuno FE-700
Magnetic Compass	1 x Cassens & Plath Type-21
Gyro Compass	1 x Anshutz
VHF DSC	2 x Furuno FM-8500
Portable VHF	2 x SAMYUNG STV-160 1 x MCMURDO R2 GMDSS
GPS	1 x FURUNO GP-170 1 x FURUNO GP-39
Public Address System	1 x Steen hans CTB 20
SSAS	1 x FURUNO FELCOM 15
Navtex Receiver	1 x NSR NVX-3000
Inmarsat-C	2 x FURUNO FELCOM 15
Anemometer	Young wind tracker
Speed Log	1 x Furuno DS-80
Autopilot	1 x Anchutz NP-60
BNWAS	1 x BNWAS R- 150
EPIRB	1 x McMurdo SmartFind E8
SART	2 x MCMURDO S4
AIS	1 x FURUNO FA-1502

FIRE FIGHTING SYSTEM

FiFi Class	FiFi – 1
External Fire Pump	2 x 1550 m ³ /hr, Main Engine Driven
Main Fire Pump	1 x 50 m ³ /hr, Motor Driven
Emergency Fire Pump	1 x 35 m ³ /hr, Motor Driven
Fire Monitor	2 x 100 m ³ /hr @ 12 bar
Firemen Suit	2 nos. complete set

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