

Falmouth

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MTS VANGUARD



General

Type of Vessel
 Builder
 Building Year
 Basic Functions

Damen Shoalbuster 3209
 Damen Shipyards
 2014
 Towing, mooring, pushing, anchor handling,
 dredging support
 Bureau Veritas I Hull • Mach Tug Unrestricted
 Navigation AUT-UMS
 9688673
 327
 J8B5082

Classification
 IMO Number
 Gross Tonnage
 Call sign

Dimensions

Length o.a. 32.27 m
 Beam o.a. 9.35 m
 Depth at sides 4.40 m
 Draught aft ±3.30 m

Tank Capacities

Fuel Oil 220 m³
 Fresh Water 40.8 m³
 Luboil 7.30 m³
 Hydraulic Oil 3.10 m³
 Dirty Oil 4.30 m³
 Bilge Water 4.30 m³
 Sewage 3.30 m³

Performances

Bollard Pull 50.5 tons
 Speed (Max.) 11.5 knots

Propulsion System

Main Engines 2x Caterpillar Type 3512C TB/HD
 Total Power 2610 bkW (3500 bhp) @ 1600 rpm
 Gearboxes 2x Reintjes WAF 773/6.44:1
 Propulsion 2x Promarin fixed pitch propellers
 Diameter 2x 2250 mm V.d. Giessen optima nozzles
 Bow Thruster 257 kW (350 bhp) 1965rpm, hydraulically driven

Auxiliary Equip't

Generator Sets 2x Caterpillar C4.4 TA
 Capacity 2x 107.5 kVA, 50 Hz, 230/400V AC
 Hydraulic Set 1x Caterpillar C18 TA-B
 Transfer Pumps For Fresh Water: VWSI 8020, 50 m³/h @ 4.8 bar
 For Fuel Oil: VWSI 8020, 50 m³/h @ 4.8 bar
 Westfalia, OCT 2

Deck Lay-out

Anchor 2x 360 kg Pool (HHP)
 Deck Crane Heila HLRM 170-4SL, 18.2 ton (m) @ 8.3m,
 7.9 ton(m) @ 15.93 m
 + 5 ton winch
 DMT
 50t (m) at 12m/min / 18t (m) at 24.2m/min
 Wire cap 850 m, ø 44mm
 Holding force: 150 t (m)
 100t (m) at 5.9m/min / 37t (m) at 12m/min
 Wire cap 750m, ø 44mm
 Holding force: 150 t (m)
 Dromec HPV-12000, 12 ton (m) @ 5-20 m/min
 WK- Hydraulics SWL 50 Ton
 WK- Hydraulics SWL 75 Ton

Features

Accommodation

Heated and fully air-conditioned living spaces for 7 persons, consisting of three single and two double berth cabins, a galley/mess & sanitary facilities

Nautical & Communication Equipment

GMDSS A300 EQUIPPED)
 2 x Pesche 1000w Searchlights
 1 x Kotter type/ 1 x gyro compass
 1x Furuno FAR 21 I7 ARPA Radar
 1x Koden Radio
 Furuno GP – 150D GPS system
 2 x PCNAV Stations with Transas chart software
 Radio Holland Seapilot Autopilot
 Furuno FE-700 Echo Sounder
 Radio systems include
 3 x Sailor 5822 DSC -
 2 x H/H VHF
 SRH NAV -5 NAVTEX
 Furuno AIS
 Inmarsat C / SSB /
 phone / fax /
 Sat phone /
 email

