

Falmouth

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MTS VIGILANT



General

Type of Vessel
 Builder
 Building Year
 Basic Functions

Classification
 IMO Number
 Gross Tonnage
 Call sign
 Flag:

Shoalbuster 3009
 Damen Shipyard, The Netherlands
 2008
 Towing, mooring, Anchor handling,
 Dredging support, Salvage
 Germanischer Lloyd: I00 A5 (Tug) MC – USL 2A
 9533969
 309
 J8135266
 St Vincent and The Grenadines

Dimensions

Length o.a.
 Beam o.a.
 Depth at sides
 Draught aft

30.08 m
 9.10 m
 4.40 m
 ±3.20 m

Tank Capacities

Fuel Oil
 Fresh Water
 Sewage
 Luboil
 Dirty Oil
 Bilge Water

175,000 Litres
 41,000 Litres
 3,300 Litres
 7,300 Litres
 4,300 Litres
 4,300 Litres

Performances

Bollard Pull
 Speed (Max.)

48 tons
 11.6 knots

Propulsion System

Main Engines
 Total Power
 Gearboxes
 Propulsion
 Diameter
 Bow Thruster

2x Caterpillar CAT3512 BTA
 2460KW (3300hp)
 Rentjes WAF773L
 Twin Screw Fixed Pitch Propellers
 2 x 2250mm in Optima nozzles
 250 Bhp (Hydraulic)

Auxiliary Equip't

Generator Sets
 Capacity
 Hydraulic
 Fuel/Water Transfer Pump
 Fuel separator
 Transfer Pumps
 Fuel Separator

2 x Caterpillar C-4.4 TA
 2 x 107 kva
 1x Caterpillar C18 TA/B
 VVSI 8020 @ 50m³/hr
 Westfalia DTC2-02-137
 For water & fuel: make SIHI, 32 m³/hr
 Alfa Laval

Deck Lay-out

Anchor
 Anchor Winch
 Anchor Handling / Towing Winch
 1st drum
 2nd x drum
 Tugger Winch
 Stern Roller SWL
 Tow Pins
 Shark Jaw
 Deck Crane
 Push Bow

2 x 300kg Pool (HHP)
 WK Hydraulics / Ridderinkhof b.v. Waterfall
 100t/50t Brake Holding
 750m x 44mm
 650m x 44mm
 WK Hydraulics
 100 t
 Hydraulic
 Hydraulic 100T SWL
 Heila HLRM 170-3s
 Full Length Rubber Fendered Push Bow

Features

Accommodation

Heated and fully air-conditioned living spaces for 7 persons, a galley/mess & Sat TV

Nautical & Communication Equipment

Mag Compass - Cassens & Plath GmbH
 Sat Compass - Furuno RD30
 Gyro Compass - Tokimec ES-160
 Radar - Furuno Radar / ARPA/ Far 2117
 GPS - Furuno GP-150
 Chart System - Transas Navi sailor 4000 ECDIS
 AIS - Furuno FA-150
 Autopilot - Radio Holland / SeaPilot 75
 Searchlights - SEEMATZ / 74651 Type 525HGS
 Echosounder - Furuno FE-70
 VHF Radios - 3 x Sailor RT5022
 Navtex - Furuno NX-700
 Wind Measurement - OMC 139

Other

Computer, Intercom, Weather Station,
 Auto Pilot, Internet, 24v Emergency
 steering, Forward and Aft
 steering stations, DSC,
 Phone / Fax / Sat Phone /
 Email

