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MTS VANQUISH



General	Type of Vessel Builder Building Year Basic Functions Classification IMO Number Gross Tonnage Call sign	Damen Stantug 2909 Damen Shipyards 2012 Towing, mooring, Anchor handling, Dredging support, Salvage, Fire Fighting Lloyds Register 100 A1 Anchor Handling Tug, Unrestricted Service 9559573 269 2HFK5
Dimensions	Length o.a. Beam o.a. Depth at sides Draught aft	29.24 m 9.00 m 4.40 m ±4.50 m
Tank Capacities	Fuel Oil Fresh Water Luboil Hydraulic Oil Foam Dispersant Water Ballast	135.1 m ³ 20.6 m ³ 3.9 m ³ 1.5 m ³ 10.0 m ³ 3.5 m ³ 27.0 m ³
Performances	Bollard Pull Speed (Max.)	68 tons 13.4 knots
Propulsion System	Main Engines Total Power Gearboxes Propulsion Diameter Bow Thruster	2 x CAT Type 3516BTA HD/B 4750 hp (3542 kW) at 1600rpm 2 x Reintjes WAF 873/7.455:1 2 x Kaplan II fixed pitch propellers 2 x 2650 mm Van De Giessen Optima nozzles 350 hp, hydraulically driven
Auxiliary Equip't	Generator Sets Capacity Transfer Pumps Fuel Separator Fi Fi Set	2 x Caterpillar C-4.4 TA 2 x 107 kva For water & fuel: make SIHI, 32 m ³ /hr Alfa Laval Caterpillar 3406ETA, 1200 m ³ /hr at 10.5 Bar with 2 x 600 m ³ /hr Water/Foam Monitors
Deck Lay-out	Anchor Deck Crane Anchor Winch Anchor Handling / Towing Winch Towing Wire Tugger Winch AH/Towing Pins Stern Roller Push Bow	2 x 360 kg Pool (H.H.P) HEILA 25-25, remote controlled DMT - Double Drum 40T - 120t brake holding 1st drum 48mm x 750m 2nd drum 48mm x 500m 8T 30m Hydraulic Karmay 2 Forks, 2 Pins SWL 35 Ton Full length push bow fitted

Features

Accommodation

Heated and fully air-conditioned living spaces for 8 persons, consisting of two single and three double crew cabin, 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 2117 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/HVHF
 SRH NAV -5 NAVTEX
 Furuno AIS
 Inmarsat C / SSB /
 phone / fax /
 Sat phone /
 email

