

# MTS VIGILANT

## TECHNICAL SPECIFICATIONS



### GENERAL

Type	Shoalbuster 3009
Classification	Germanischer Lloyd: 100 A5 (Tug) MC - USL 2A
IMO Number	9533969
Year Built	2008 - Damen Shipyard, NL
Flag	St Vincent and The Grenadines
Port of Registry	Kingstown
Call Sign	J8135266
MMSI	376656000

### DIMENSIONS

Length Overall	30,08 m
Breadth Overall	9,10 m
Minimum Draft	2,90 m
Operating Draft	3,00 m
Maximum Draft	3,20 m
Maximum Draft	10,30 m
Maximum Draft	16,00 m
Gross Tonnage	309 t
Net Tonnage	92 t

### TANK CAPACITY

Fuel Oil	174,90 m <sup>3</sup>
Fresh Water	40,90 m <sup>3</sup>
Lubrication Oil	7,30 m <sup>3</sup>
Hydraulic Oil	3,10 m <sup>3</sup>
Dirty Oil	4,30 m <sup>3</sup>
Sewage	3,30 m <sup>3</sup>
Bilge Water	4,30 m <sup>3</sup>

### PERFORMANCE

Bollard Pull	50 t
Maximum Speed	11,00 knots
Economic Speed	9,00 knots

### PROPULSION SYSTEM

Main Engines	2x Caterpillar 3512B TA/C, 12 cyl, 1600 rpm
Total Power	2.460 kW / 3300 bhp
Propulsion	2x Promarine fixed pitch propeller
Bowthruster	250 bhp, hydraulic driven

### FIFI

System
Type
Capacity

### DECK CRANE

Type	Heila HLRM 170-3SL
Capacity	5,30 T @ 18,03 m

### DECK EQUIPMENT

Free Deckspace	65,0 m <sup>2</sup>
Deck Strength	15,0 t/m <sup>2</sup>
Towing Winch	Ridderinkhof Waterfall 50 t / 100 t (pull/hold) 750 m x 44 mm
Anchor Handling Winch	50 t / 100 t (pull/hold) 600 m x 40 mm
Tugger Winch	8 t
Towing Pins	3-in row SWL 100t
Pushbow	Full length rubber fendered
Stern Roller	SWL 100t

### AUXILIARY EQUIPMENT

Main Generator Sets	2x Caterpillar C4.4 TA
Fuel Oil Transfer Pump	VWSI 8020,50 m/h @4,8 bar
Fresh Water Transfer Pump	VWSI 8020,50 m/h @4,8 bar
Fresh Water Maker	HEM 4 m <sup>3</sup> every 24h
Air Compressor	ABAC B5900
Powerpack	CAT C-18 TA

### ACCOMMODATION

Persons	7
Single Cabin	3
Double Cabin	2
Air Conditioned	Yes



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