

VALLIANZ HOPE

4,200 BHP Anchor Handling Tug



GENERAL SPECIFICATION

General Particulars

Year Built	2008
Flag	Singapore
Class	BV
Notation	1 ✕ Hull ✕ Mach Tug Unrestricted Navigation

Principal Particulars

Length Overall	40.00m
Breadth Moulded	11.80m
Depth Moulded	4.60m
Draft Moulded	3.80m
GRT / NRT	499T / 149T

Machinery

Main Engine	Two (2) units Caterpillar 3516B, 2,100 HP @ 1,600rpm
Propulsion System	Fixed pitch in kort nozzles
Generating Set	2 x Caterpillar 3406C @ 200kW/415V/3ph/50Hz @ 1,500rpm
Alternator	2 x 215kW Leroy Somer, 269kVA @1500rpm
Emergency Genset	1 x 30W Perkins
Bow Thruster	HRP 3001 TT (3 Tons) 220 kW
Gearbox	Reintjes WAR762 Ratio 5.8 : 1

Performance & Consumption

Bollard Pull	52 Tons
Maximum Speed	13 Knots
Fuel Consumption with tow condition	9.30 Tons/day
without tow condition	8.45 Tons/day
Deck Strength	5.0 Ton/m ²
Clear Deck Area	150 m ²

Deck Machinery

Anchor Windlass	1 x 3.3T @ 10m/min, ME
Towing Winch	Waterfall double drums 70 Tons 1 st layer electric hydraulic Brake Holding: 150 Tons, ME
Wire rope	50mm x 600m
Tugger Winch	2 units 5 Tons, ME/ 1 st layer wire 22mm x 100m
Shark Jaw/ Tow Pin	1 set hydraulic type 200 Tons capacity
Stern Roller	1.45m diameter x 3.5m length SWL: 150 Tons
Crane	1 x 2 Tons S.W.L.

Tank Capacity

Fuel Oil	300m ³
Fresh Water	150m ³
Lube Oil	1.0m ³

Vallianz Holdings Limited

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Accommodation

Berth	2 x 1 man cabin = 2 men
	1 x 2 men cabin = 2 men
	4 x 4 men cabin = <u>16 men</u>
Total	<u>20 men</u>

Fire Fighting/ Extinguishing System

Fire Pump	1,200m ³ /hr with 2 monitors @ 600m ³ /hr
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GMDSS & Navigation Equipment

Radar	1 x JRC JMA 2300-48nm
Echo Sounder	1 x JRC FF50
GPS	1 x JRC J-NAV-500
Auto Pilot	1 x CamNar Model 2001
Compass	1 x Standard Saura Magnetic 1 x Steering Saura Magnetic
Immarsat C	1 x JRC JUE-75
SSB	1 x JRC JSB 196 GM
VHF	2 x JRC JHS-32B
Navtex	1 x JRC NCR-330
EPIRB	1 x ACR RLB-32
SART	2 x JQX-30A
PA System	Fitted

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