Commercial and Operational Office P.O. Box 930001 Empire Heights Building Suite 13F-A-01, Business Bay Dubai, United Arab Emirates Tel: + 971(4) 551 9930 Fax : +971(4) 551 9931 info@vortexoffshore.com | www.vortexoffshore.com

ASD Anchor Handling Tug VORTEX ORYX

5000 BHP | 69 TBP







ASD Terminal Support and Anchor Handling Towing Tug

GENERAL:

Vessel Name: Year Built:

Flag:

VORTEX ORYX 2012 Jiangsu Zhenjiang Shipyard Co Ltd St. Vincent & Grenadines Port of Registry: Kingstown Classification: LR, 100A1, TUG, Fire Fighting

Ship 1 with water spray LMC, UMS, IWS, WDL 5T m2

DIMENSIONS:

Length Overall incl	. fenders:
Length B.P.:	
Beam (moulded):	11.00 m
Depth (moulded):	6.10 m
Draft:	4.60 m
GRT:	442 T
NRT:	132 T

31.50 m 26.80 m

PERFORMANCE:

69m/T Ahead (SBP) Bollard Pull: 65m/T Astern Design speed: 12.5 kn 4m³/day @ eco Fuel consumption: 13m³/day @ 100% MCR

MACHINERY & PROPULSION:

Main Engines: 2 Niigata Model: 6L28HX Engines Continuous Rating: 1838kW @ 750 rpm/each 2 Z-peller Niigata Model: ZP-41 Units Propulsion: Propeller Diameter: 2700 mm Diameter Propeller Speed: 220 rpm

AUXILIARY ENGINES:

Type: Output: 2 x Cummins CCJS150KCS, 150KW@1500rpm 3×400V 50Hz

DWT:	125 T
Clear Deck Space:	About 70 m ³

CAPACITIES:

216.5 m³ Fuel Oil: 42.7 m³ Fresh Water: 73.4 m³ Ballast Water: 34.5 m³ Foam: Accommodation: 5 cabins, 8 berths

Type: Output:

1 x Cummins CCJS60KCS, 60kW@1500rpm 3×400V 50Hz

DECK EQUIPMENT:

Winch Forward:	30T x 10m/min (Brake force: 175T)
	2 x 110 m x 80 mm rope
Winch Aft:	30T × 10m/min (Brake force: 175T),
	1 x 110 m x 120 mm rope, 1 x 800 m x 52 mm wire
Tugger winch:	10T × 10m/min

The Vessel specifications are reviewed and new brochures printed at regular intervals. Every endeavour has been made to provide accurate information on this brochure; however, the vessel owners do not accept any liability for errors, omissions or misprints published.

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NAVIGATION/ COMMUNICATION:

Saura SR-165 Magnetic compass: Satellite Communication: Furuno Felcom-16 Furuno GPS-150 GPS: Furuno FAR-2117 Furuno FAR-8122 Furuno FE-700 Simrad AP-50 Auto pilot:

OTHER:

Fire Fighting: Deck crane:

FIFI 1 1×Palfinger fully hydraulic foldable crane 2T on single wire

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Radar:	
Echo sounder:	

COMMUNICATION:

GMDSS area: Broadband: VHF:

A3 FBB 250 thrane & thrane 2 x Furuno FM-8800S

MOB boat:

Hydraulic outreach 7.8m; Winch: 0.8T at 7.8m; Hook: 3T at 2.3m 1 × Rescue boat

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