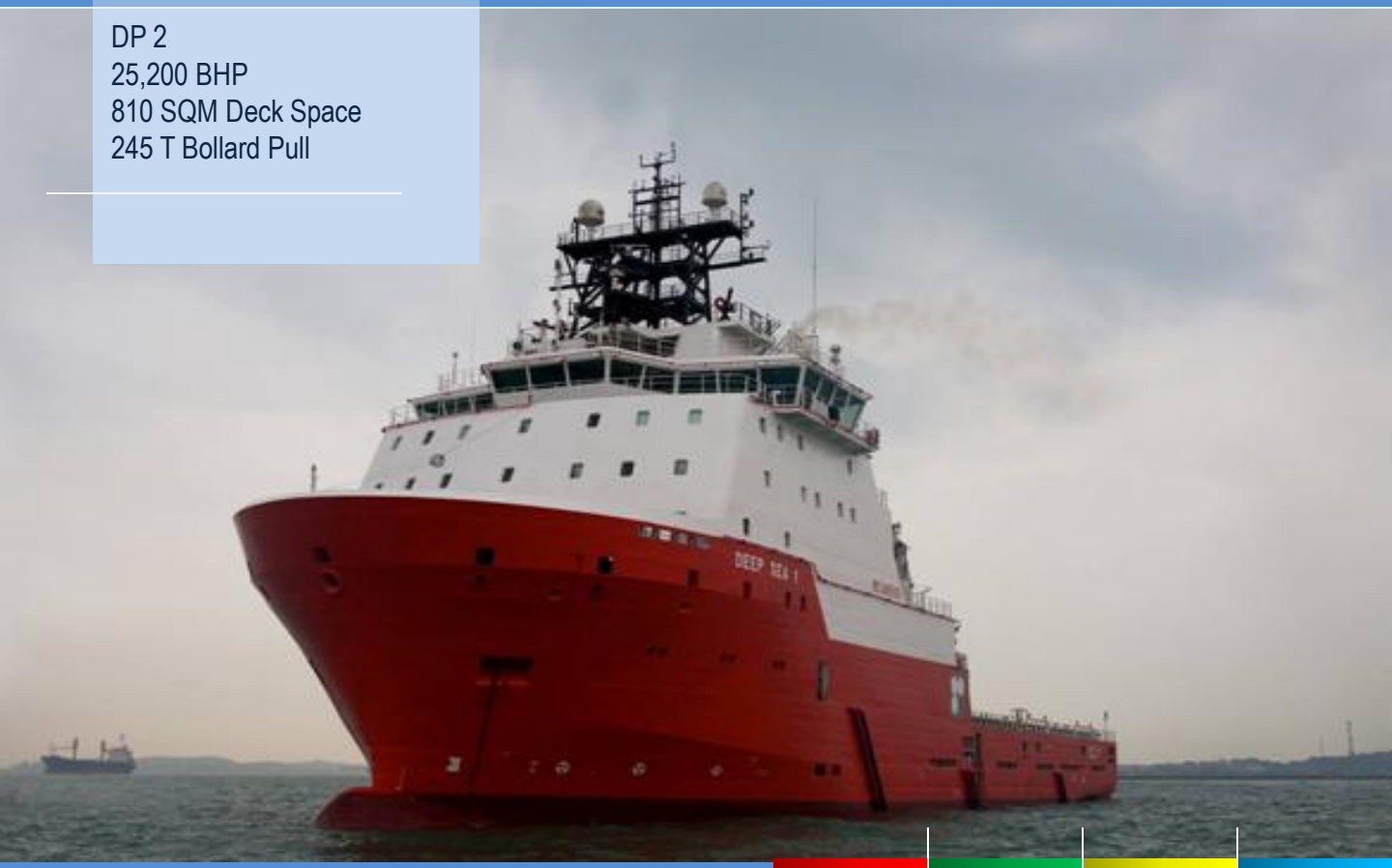
Vierlines Asia Group
Ship Brokerage & Charter Division

Key Feature

DP 2
25,200 BHP
810 SQM Deck Space
245 T Bollard Pull



Deep Sea 1 | Deep Sea 2 | Deep Sea 3 | Deep Sea 4

AHTS DP 2
MV Deep Sea 1

VIERLINES

AHTS DP 2



Class Notation	* 1A1 ICE-C Tug Supply Vessel Fire Fighter I SF COMF-V(3) E0 DYNPOS-AUTR NAUT-OSV(A) CLEAN DESIGN DK(+) HL(2.8) BIS TMON
Place of Build	Batam - Indonesia
Year of Build	2010
Flag	Singapore

Main Particulars	
Design	VS 491 CD AHTS
LOA	91 m
Breadth	22 m
Depth	9.6 m
Max Loaded Draft	8 m

Performance	
Max Speed	17 knots
Economical Speed	13 knots
Bollard Pull	245 t

Capacities	
Deadweight	4,500 t
Gross Tonnage	7,531 t
Deck Cargo	850 t
Cargo Deck Dim.	45m x 18.5m
Deck Area	810 m3
Deck Strength	15t/m2
Dry Bulk Capacities	524 m3
Drill / Ballast Water	2,922 m3
Potable Water	1,055 m3
Oil Based Mud	632 m3
Brine	632 m3
Base Oil	637 m3
Fuel Oil	1,242 m3
ORO	1,244 m3
Freezer Room	8 m3
Cooler Room	8 m3

Deck Equipment		
Capstans		4 x 15 t @ 0 - 30 m/min
Tugger Winch		2 x 25 t @ 0 - 20 m/min
Deck Crane	Port/Stbd	2 x 6t@17m
	Main Deck	25t@12m
FRC		Normar FRC 650 inboard jet

Anchoring Equipment	
Windlass	2 x 8 t @ 0 -22 m/min

Main Particulars	
Fresh Water	2 x 150m3/hr @ 9 bar
Ballast / Drill Water	2 x 150m3/hr @ 9 bar
Dry Bulk	75t/hr
Liquid Mud / Brine	2 x 100m3/hr @ 24 bar
Base Oil	2 x 100m3/hr @ 9 bar
Fuel Oil	2 x 150m3/hr @ 9 bar

Propulsion and Machinery	
BHP - Main Engines	21,456 hp/16000 kW
Total Power (Boost+Azimuth)	25,200 hp/18,800 kW
Main Engines	2
Main Engines: Make/Type	MAK 16M32C
Propellers	2 x Scana CPP
Bow	2 x 880 kW
Stern	2 x 800 kW
Azimuth	1 x 800 kW

Auxiliary Engines	
Shaft Generator	2 x 4500 kw
Diesel Generator	2 x 1800 kw
Emergency Generators	1 x 465 kw
Supply System - Voltage	220v 440V 690V

Accommodation	
State Cabins	4 x 1 berths
Single Berth Cabins	16 x 1 berths
Double Berth Cabins	20 x 2 berths
Total Accommodation	60 persons
Mess	45 persons

Towing and Anchor Handling Winch	
AHT Winch	500 t
Line Pull	500 t
Stall Pull	600 t
Break Capacity	600 t 1st Layer
Towing Drum	2 x 1500/3250 mm, 2200mm
Anchor Handling Drum	1 x 1800/4300 mm, 4400mm
Speed	17.5m/min @ 500t
Shark Jaws	2 x 750 Triplex
Towing Pin	2 x 350t Trilex
Spare Wire Reel	2 x 4000m x 76mm
Stern Roller	2 x 600 t, 2 x 4,000 mm

Dynamic Positioning System	
DP System	DP2
References	Kongsberg K0PoS DP2 DP System; Kongsberg C-Joy Ind Joystick System

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PARTICULARS GIVEN IN GOOD FAITH BUT WOG

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