

2011 / 67m AHTS DP2 Anchor Handling Towing Supply Vessel

DP2 AHTS / 100 T Bollard Pull



Key Features

- DP2
- 420 SQM Deck Space
- 8000 BHP
- 100 T Bollard Pull

DP2 AHTS

Class Notation	✱A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, Ⓢ, ✱ AMS, ✱ ACCU, ✱ DPS-2
Place of Build	China
Year of Build	2011
Flag	TBD

Main Particulars

Design	Conan Wu and Associates
LOA	67.40m
Breadth	16.00m
Depth	7.00m
Max Loaded Draft	5.90m

Performance

Max Speed	13 knots
Economical Speed	9 knots
Bollard Pull	100T BP

Capacities

Deadweight	2485 Tons
Gross Tonnage	2446 Tons
Deck Load	Approx. 800 Tons
Cargo Deck Dim.	30m x 14m
Deck Area	420m ²
Deck Strength	5T/m ²
Dry Bulk Capacities	4 x 62.5m ³
Drill / Ballast Water	749m ³
Potable Water	239m ³
Oil Based Mud	398m ³
Brine	Same Tanks as OBM
Fuel Oil	1193m ³
Freezer Room	10m ³
Cooler Room	12m ³

Deck Equipment

Capstans	2 x 10T @15m/min
Tugger Winch	2 x 10T @15m/min
Deck Crane	2T @ 16m
Rescue Boat	1 x 6 persons

Anchoring Equipment

Windlass	10T @ 15m/min
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Discharge

Fresh Water	1 x 80m ³ /hr @ 100m
Ballast / Drill Water	1 x 50m ³ /hr @ 100m
Dry Bulk	2 x 30m ³ /hr @100m
Liquid Mud / Brine	1 x 80m ³ /hr @80m
Fuel Oil	1 x 80m ³ /hr @ 70m

Propulsion and Machinery

BHP	8000bhp
Main Engines	2 x 4000bhp
Main Engines: Make / Type	Niigata 8MG28HLX
Propellers	2 x CPP with Kort Nozzles

Thruster

Bow	2 x 8.0MT Thrust
Stern	1 x 8.0MT Thrust

Auxiliary Engines

Shaft Generators	2 x 1500 KW
Diesel Generator	2 x 590 KW
Emergency Generators	1 x 95 KW
Supply System - Voltage	440V/3ph/60Hz

Accommodation

Single Berth Cabins	6 x 1 berths
Double Berth Cabins	2 x 2 berths
Four Berth Cabins	8 x 4 berths
Total Accommodation	42 Berths
Mess	

Towing and Anchor Handling Winch

Line Pull	200MT
Brake Capacity	300MT
Towing Drum	1200m x 64mm
Anchor Handling Drum	1200m x 64mm
Speed	2.5-40m/min
Shark Jaw	350T SWL
Towing Pin	200T SWL
Spare Wire Reel	1200m x 64mm
Stern Roller	300T SWL- 4.0m x 2.0m

Dynamic Positioning System

DP System	Converteam DPS 21 Duplex DP+IJS
References	2 x DGPS + Cyscan