

Principal Particulars

Class Notation	ABS A1(E), Offshore Support Towing & Fire Fighting Class1 AH + AMS, ACCU DP2
Place of Build	Batam, Indonesia
Year of Build	2009
Flag	Singapore

Main Particulars

Design	Conan Wu & Associates
LOA	62.3 m
Breadth	16 m
Depth	7 m
Max Loaded Draft	6m

Performance

Max Speed	13.5 knots @ 30 t/day (aprx)
Economical Speed	12 knots @ 20 t/day (aprx)
Bollard Pull	149.0 t

Capacities

Deadweight	Aprx 2,000 t (max draft)
Gross Tonnage	1,678 t
Deck Cargo	Aprx 800 t
Cargo Deck Dim.	35mtr x12mtr
Deck Area	420 m ²
Deck Strength	5 t / m ²
Dry Bulk Capacities	4x 62.5t
Drill / Ballast Water (sg=1)	437 m ³
Potable Water	239 m ³
Oil Based Mud	398.7 m ³
Brine	398.7 m ³
Base Oil	n/a
Fuel Oil	1,194 m ³
Freezer Room	10m ³
Cooler Room	10m ³

Deck Equipment

Capstans	2 x 10 t @ 14.6 m/min
Tugger Winch	2 x 11 t @ 18.9 m/min
Deck Crane Cargo	2 t @15 m
Rescue Boat Davit	1 x SOLAS approved

Anchoring Equipment

Windlass	12 t @ 14.5 m/min
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Discharge

Dry Bulk	2 x 50 t/hr
Fresh Water	1 x 150 m ³ /hr @ 70 m head
Ballast / Drill Water	1 x 150 m ³ /hr @ 70 m head
Liquid Mud / Brine	1 x 100 m ³ /hr@180 m head
Base Oil	1 x 100 m ³ /hr@180 m head
Fuel Oil	1 x 150 m ³ /hr @ 70 m head



Propulsion and Machinery

BHP	10,872 hp
Main Engines	2
Main Engines: Make / Type	Wartsila 8L32
Propellers	CPP w prop in AHT nozzle

Thruster

Bow	2 x 8 t , CPP Elec Driven
Stern	8 t , CPP Elec Driven
Azimuth	n/a

Auxiliary Engines

Shaft Generators	2x590 kW 440V/3ph/60Hz
Diesel Generator	2x 620kW 440V/3ph/60Hz
Emergency Generators	1 x 84 kW, 440V/3ph/60Hz
Supply System - Voltage	440V / 240V

Accommodation

Single Berth Cabins	6 x 1
Double Berth Cabins	2 x 2
Four Berth Cabins	8 x 4
Total Accommodation	42 persons
Mess	14 man

Towing and Anchor Handling Winch

AHT Winch	250 t
Line Pull	150 t
Stall Pull	250 t
Break Capacity	320 t
Towing Drum	2,000 m x 76 mm dia
Anchor Handling Drum	2,000 m x 76 mm dia
Speed	8.5 m/min
Karm Forks	1 set 300 t (SWL)
Towing Pin	2 x 160 t (BP)
Spare Wire Reel	1,500 m x 64 mm dia
Stern Roller	300 t (SWL) 4m x 2m dia

Dynamic Positioning System

DP System	DP2
References	Cyscan