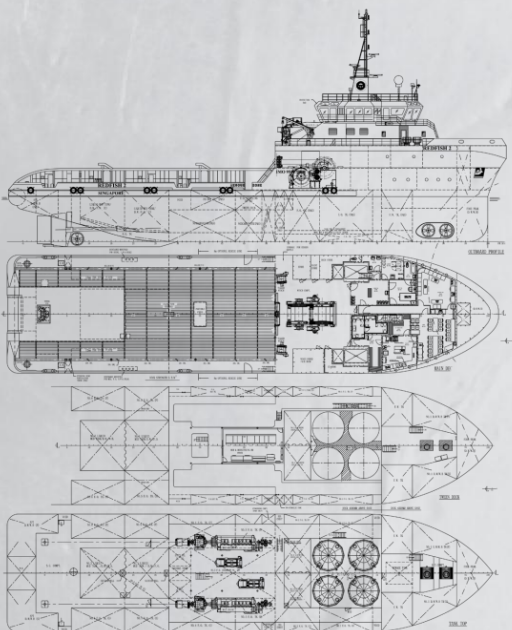




GO RIGEL AHTS



General Arrangement



Key Features

- DP2
- 8,000 HP
- 420 SQM Deck Space
- 115 T Bollard Pull



GO RIGEL AHTS

Class Notation	American Bureau of Shipping, A1(E), Offshore Support, Towing & Fire Fighting Vessel, Class 1 AH + AMS, ACCU, DPS2
Place of Build	China
Year of Build	2011
Flag	Singapore

Main Particulars

Design	Conan Wu and Associates
LOA	67.0 m
Breadth	16.0 m
Depth	7.00 m
Max Loaded Draft	6.00m

Performance

Max Speed	13.5 knots ,
Economical Speed	12.0 knots,
Bollard Pull	115 t

Capacities

Deadweight	2462t (max draft)
Gross Tonnage	2446 t
Deck Cargo	800 t
Cargo Deck Dim.	32.5m x 12m
Deck Area	390 m2
Deck Strength	5.0 t/m2
Dry Bulk Capacities	4x 62.5m3
Drill water (sg=1.0)	429m3
Potable Water	239 m3
Oil Based Mud / Brine	390 m3
SW Ballast / Drill water	320 m3
Fuel Oil	1193 m3
Freezer Room	12m3
Cooler Room	12m3

Deck Equipment

Capstans	2 x 10 t @ 14.6m/min
Tugger Winch	2 x 11 t @ 18.9 m/min
Deck Crane	2t @ 15m radius crane
Rescue Boat	1 x 6 persons
Fast Rescue Craft	1x Seabear 23 MKII with Davit
Life Raft	4 x 25 pax + 2 x 15 pax

Anchoring Equipment

Windlass	2 x 38mm gypsy (10 tonne)
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Discharge

Dry Bulk	50m3 per hour
Fresh Water	1 x 150 m3/hr @ 70m Head
Ballast / Drill Water	1 x 150 m3/hr @ 70m Head
Liquid Mud / Brine	1 x100 m3/hr @85m head
Base Oil	n/a
Fuel Oil	1 x 150 m3/hr @ 70m Head

Propulsion and Machinery

BHP	7894 BHP
Main Engines	2
Main Engines: Make / Type	Nigata 8MG28HLX
Propellers	CPP with prop in AHT nozzle

Thruster

Bow	2 x 8.0 t, CPP (Electric Motor Driven)
Stern	8.0 t, CPP (Electric Motor Driven)
Azimuth	n/a

Auxiliary Engines

Shaft Generators	2 x 1530 kW 440/3ph/60Hz
Diesel Generator	2 x590 kw
Emergency Generators	1 x 84 kW, 440V/3ph/60Hz
Supply System - Voltage	220/440v

Accommodation

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

Towing and Anchor Handling Winch

AHT Winch	200 t @ 8.5m/min
Line Pull	200 t
Break Capacity	300 t
Towing Drum	1500m x 64mm dia
Anchor Handling Drum	1500m x 64mm dia
Shark Jaw	1 x 200 t (SWL)
Towing Pin	2 x 115 t (SWL)
Spare Wire Reel	1500m x 64mm
Stern Roller	300 t (SWL) 4m x dia 2m

Dynamic Positioning System

DP System	
References	DGPS X 2 +1 X CYSCAN

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