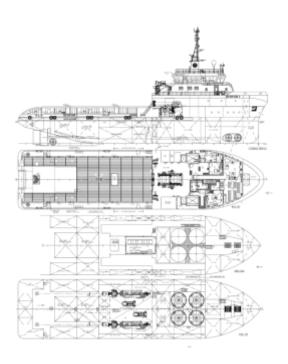


AHTS DP 2- GO RIGEL



General Arrangement



Key Features

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



AHTS DP2 - GO RIGEL

Class Notation BKI/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 Indonesia

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. 32.5m2

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 12m3 Freezer Room 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)

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 1000m 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

D