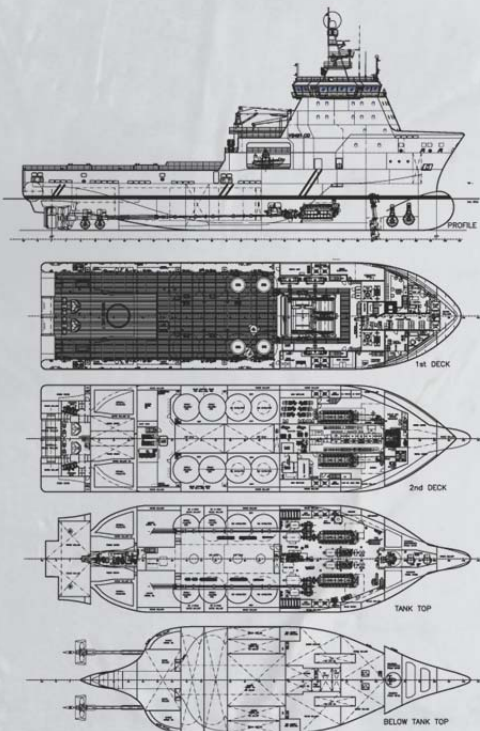




# GO PHOENIX DP2 AHTS



## General Arrangement



## Key Features

- DP2 / FIFI 2
- 25,200 - Total HP
- 810 SQM Deck Space
- 245 T Bollard Pull





# GO PHOENIX DP2 AHTS

Class Notation	✠ 1A1 ICE-C Tug Supply Vessel Fire Fighter II 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	2013
Flag	Marshall Islands

## 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	16 knots
Economical Speed	10 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 m <sup>2</sup>
Deck Strength	15t/m <sup>2</sup>
Dry Bulk Capacities	524m <sup>3</sup>
Drill / Ballast Water	2,922 m <sup>3</sup>
Potable Water	1,055 m <sup>3</sup>
Oil Based Mud	632m <sup>3</sup>
Brine	632 m <sup>3</sup>
Base Oil	637m <sup>3</sup>
Fuel Oil	1,242 m <sup>3</sup>
ORO	1244 m <sup>3</sup>
Freezer Room	8m <sup>3</sup>
Cooler Room	8m <sup>3</sup>

## 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
FRC	Normar FRC 650 inboard jet

## Anchoring Equipment

Windlass	2 x 8 t @ 0 - 22 m/min
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## Discharge

Fresh Water	2 x 150m <sup>3</sup> /hr @ 9bar
Ballast / Drill Water	2 x 150m <sup>3</sup> /hr @ 9bar
Dry Bulk	75t/hr
Liquid Mud / Brine	2 x 100m <sup>3</sup> /hr @ 24bar
Base Oil	2 x 100m <sup>3</sup> /hr @ 9bar
Fuel Oil	2 x 150m <sup>3</sup> /hr @ 9bar

## Propulsion and Machinery

BHP – Main Engines	21,456 hp / 16000kW
Total Power (Boost+Azimuth)	25,200 hp / 18,800 kW
Main Engines	2
Main Engines: Make / Type	MAK 16M32C
Propellers	2 x Scana CPP

## Thruster

Bow	2 x 880 kW
Stern	2 x 800 kW
Azimuth	1 x 800 kW

## Auxiliary Engines

Shaft Generators	2x 4500 kw
Diesel Generator	2 x1800 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 Capacities

AHT Winch	500 t
Line Pull	500 t
Stall Pull	600t
Break Capacity	600 t 1 <sup>st</sup> Layer
Towing Drum	2 x1500/3250 mm,2200mm
Anchor Handling Drum	1 x1800/4300 mm,4400mm
Speed	17.5m/min @ 500t
Shark Jaws	2 x 750 Triplex
Towing Pin	2 x 350t triplex
Spare Wire Reel	2 x 4000m x 76mm
Stern Roller (Split)	2 x 600 t, 4,000 mm Dia

## Dynamic Positioning System

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

Head Office  
Suite 1, Level 4 South Shore Centre  
85 The Esplanade, SOUTH PERTH WA 6151

w: www.gomarinegroup.com.au  
e: info@gomarinegroup.com.au  
p: +61 8 9474 3600

