

AHTS - 150 T BP, DP II, FIFI-1



Discharge

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|-----------------------|---|
| Dry Bulk | 1 x 23.5 m ³ / min @ 5.6 bar |
| Fresh Water | 2 x 150 m ³ / hr @ 9.0 bar |
| Ballast / Drill water | 1 x 150 m ³ / hr @ 9.0 bar |
| Liquid Mud / Brine | 3 x 150 m ³ / hr @ 7.5 bar |
| Base Oil | 1 x 150 m ³ / hr @ 9.0 bar |
| Fuel Oil | 2 x 150 m ³ / hr @ 9.0 bar |

FiFi Equipment

| | |
|-------------------|----------------------------------|
| Class I | 2400 m ³ / hr |
| Dispersant System | Anti pollution dispersant system |

Deck Equipment

| | |
|----------------|----------------------------|
| Capstans | 2 x 10 tons @ 25 m / min. |
| Tugger Winches | 2 x 10 tons @ 30 m / min . |
| Deck Crane | 1 x 7.5 tons |

Towing / Anchoring Equipment

| | |
|------------------------|---|
| Winch Type | Fukushima Ltd., Japan, Double Drum Waterfall type |
| AHT Winch Pull | 300 Tons @ 7 m / min (1st layer) |
| Brake Holding Capacity | 400 Tons @ 1st layer |
| AH Drum Capacity | 2000 m x 72 mm wire |
| Tow Drum Capacity | 2000 m x 72 mm wire |
| Kamfork | 2 sets, 500 Tons |
| Towing Pins | 2 sets, suitable for 160 Tons BP |
| Rig Chain Locker | 309 m ³ |
| Stern Roller | 5.5 m x 2.5 m dia., 450 Tons SWL |

Propulsion and Machinery

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|---------------------------|---|
| Main Engines : KW | 2 x 4500 KW (6120 BHP) Total 9000 KW (12240 BHP) |
| Main Engines : Type | Wartsila 9L32 |
| Main Gearbox & Propellers | Wartsila CPP |
| Rudders | Flap type rudders |

Thruster

| | |
|---------|---------------------|
| Type | Kawasakhi Heavy Ind |
| Bow 1 | 980 KW |
| Bow 2 | 980 KW |
| Stern 1 | 650 KW |
| Stern 2 | 650 KW |

Aux Engines

| | |
|-------------------------|------------------------|
| Aux. Engine : KW | 2 x 700 kW (875 KVA) |
| Shaft Generators | 2 x 2200 KW (2750 KVA) |
| Emergency Generators | 1 x 125 KW |
| Supply System - Voltage | 440 V, 60 Hz |

Accommodation

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|---------------------|---------------------------------|
| 1 Man Cabins | 6 |
| 2 Man Cabins | 20 |
| Hospital | Available |
| Total Accommodation | 46 Berths, fully Airconditioned |

Navigation & Communication Equipment

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|---------------------|---------------------------|
| Dynamic Positioning | DP2 (Converteam) |
| DP References | 2 DGPS, 1 Laser reference |

Class Notation **IRS: +A1, Anchor Handling Tug/ Supply Vessel, FiFi Class 1, DP Class 2, SPS (2008)**

Place of build **TBD**
Year of Build **2012**
Flag **TBD**

Main Particulars

Design **Wartsila Ship Designs/ Conan Wu**
LOA **78.2 m**
Length PP **69.0 m**
Breadth Moulded **18.5 m**
Depth Moulded **8.0 m**
Max. Loaded Draft **6.6 m**
GRT **3556 tons**
NRT **1067 tons**

Performance

Trial Speed **14.5 Knots**
Bollard Pull **Min. continuous 150 tons**

Capacities

Deadweight **Approx. 3310 tons**
Deck Cargo **Approx. 1000 tons**
Cargo Deck Dimensions **39.3 m x 15.3 m**
Deck Area **600 m²**
Deck Strength **5 t/ m²**
Dry Bulk Capacities **327 m³**
Potable/Fresh Water **850 m³**
Drill Water / Ballast Water **1480 m³**
Oil based Mud / Liquid Mud **808 m³**
Brine **same as liquid mud**
Base Oil **150 m³**
Fuel Oil **1085 m³**

The vessel specifications are subject to modifications and may change without prior notice.