



★A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel, ©, ★ AMS, ★ DPS-2

CLASSIFICATION SOCIETY: ABS

Build Location: Jaya Shipyard Flag: Panama Delivered: 2005 Type: **AHTS**

PROPULSION AND POWER

Design:

Supply Vessel

70 m Anchor Handling

L.O.A.: 70 m LPP: 66.80 m **Breadth Moulded:** 16.8 m Draft: 6.8 m max. DWT: 2.000 2.690

GRT: **Net Tonnage:** 807

CARGO CAPACITIES

Deck Area: 500 m² Deck Cargo: 800 t Deck Load: 7.5 t / m² Fuel: 1,126 cubm Potable Water: 361.9 cubm Drill Water: 308.51 cubm Liquid Mud: 490.32 cubm Drv Bulk: 226 cubm

DECK MACHINERY / MOORING

Tugger Winches: 2 x 10 t Capstans: 2 x 10 t **Deck Cranes:** 1 x 2.2 t@12.2 m Windlass: 1 x Brattvaag 17 t drum duty Anchors: 2 x 2,090 kg, AC 14 Chain: 918 m x 46 mm, U2 chain

Main Engines: 2 x 4,000 kW @ 750 rpm, Wartsila 8L32m

Aux. Engines: 2 x 410 kW @ 1.800 rpm, Caterpillar 3408 DITA

Emergency Generator: 1 x 60 kW @ 1,800 rpm, Perkins / 1004 TG2

Shaft Generators: 2 x 2,875 kVA @ 1,750 rpm, ABB Main Propellers: 2 x Wartsila propulsion, CPP, 4 blades / 4.000 mm diameter

Bow Thruster 2 x Kawasaki KT -88B3. 10 t thrust **Stern Thruster:** 1 x Kawasaki KT -88B3. 10.5 t thrust

2 x Spade **Rudders:**

ACCOMODATION

Total Capacity: 40 persons Cabins: 10 cabins x 1 person Hospital: 15 cabins x 2 persons Lounges: Fully equipped

DISCHARGE CAPACITIES

Fuel: 1 x fo cargo pump 200 cubm/h@0 bar

Potable Water: 1 fw cargo pump 120 cubm /h@9 bar

Drill Water: 1 x drill/ballast pump

150/100 cubm / h @ 9/2 bar

Liquid Mud: 2 x liquid mud pump 75 cubm / h @ 24 bar

Dry Bulk Compressors: 2 x 20 cubm / min @ 5.5 bar

CONTINGENCY EQUIPMENT

Fast Resque Craft: 1 x Narwhal SV -480 type,

outboard motor, 40 BHP

Fire Fighting: FI-FI 1, totally 2,400

cubm/h

Rescue Zones: 2, port and starboard

WE ARE

Performance, nav & towing

The vessel is designed to fulfil the following duties:

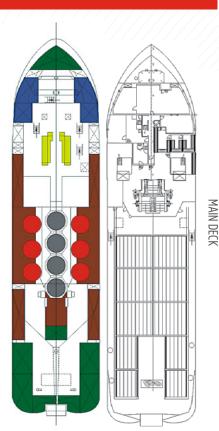
 Supply and transport of equipment between offshore platforms and installations (such as brine, cargo containers, cement, drill water, fresh water, fuel oil, liquid mud, methanol, pipes etc)

PERFORMANCE

Bollard Pull: 135.69 tons **Max. Speed:** 14 knots

Consumption per Day: 32 t @ fullspeed, 35 t @ towing,

25 t @ sailing



/IEW UNDER MAIN DECK

-ORECASTLE DECK

TOWING / ANCHOR HANDLING EQUIPMENT

Winch Type: Brattvaag, triple drum, waterfall type

AHT Winch Pull: 300 t AHT Winch Break: 450 t

Tow Drum Capacity:1,700 m x 76 mm, SWRTow Line:1,300 m x 76 mm

Working Drums Capacities: 1,500 m x 76 mm

Storage Drums Capacities:1,500 m x 76 mmSpare Tow Line:1,300 m x 76 mmAH Triplex Shark Jaws:1 x 500 t SWLTowing Pins Triplex:1 x 160 t SWL

Stern Roller: 5,000 mm length, 2,500 mm diameter,

450 t SWL

NAVIGATION & COMMUNICATION EQUIPMENT

Radars: 1 x Furuno X-band, 1 x Furuno S-band

Main Radio:GMDSS FurunoInmarsat C:Felcom 15GPS:2 x FurunoAutopilot:AnschutzGyro:C-Plath

