



AHTS “MED NOVE”

Technical Specification



Built

Year 1991 – Singapore
Southern Ocean Shipyard

Flag

Italian

Classification

BUREAU VERITAS

I★ HULL ★ MACH

Fire Fighting Ship 1 - Oil recovery ship/Flash

Point >60°C/Flash Point <60°C – Tug Supply Vessel

Unrestricted navigation

(Noble Denton approved)

Dimension

LOA:	62,00 m
Breadth (moulded):	13,60 m
Depth (moulded):	5,50 m
Draft (max):	4,80 m
Deadweight:	1514T

Tonnage

GRT :	1.147 T
NRT :	344 T

Cargo Capacity

Deck Area:	33 m x 9,8 m = 323 m ²
Deck Load:	472 T – 5 T/ m ²
Fuel Oil (Ship+Cargo)	630,0 m ³ @ 100%
Fresh Water:	290,0 m ³ @ 100%
Drill Water:	380,0 m ³ @ 100%
Liquid MUD/Rec Oil P.I.>60°C:	190 m ³ @ 100%
Fuel Oil/Rec Oil P.I. < 60°C:	130,0 m ³ @ 100%
Dry Bulk:	136,0 m ³ in 4 tanks

Discharge Rates

Fuel:	100 m ³ /h @ 75 mhd
Fresh Water:	100 m ³ /h @ 75 mhd
Drill Water:	100 m ³ /h @ 75 mhd
MUD/Rec Oil:	60 m ³ /h @ 70 mhd
Dry Bulk:	40 T/h @ 70 mhd

Deck Machinery

Capstans:	2 x 10 MT
Tugger Winch:	2 x 10 MT
Deck Crane:	2,0 T x 12,5 m

Auxiliary Equipment

- n°3 D/generators 230 Kw – 380 V – 50 Hz
- n°1 D/generator 40 Kw – 380 V – 50 Hz

Machinery

Main Engines:	Yanmar 8Z280A-GN 2 x 2,900 BHP
Bow Thruster:	ULSTEIN 1 x 550 BHP
Propellers :	2 x ULSTEIN CPP IN NOZZLES

Speed & Consumption

- 12,0 knots @ 9,0 MT/day (Service Speed)
- 13,5 knots @ 18,0 MT/day (Full Speed)

Towing and Anchor Handling (CVR Fitted)

Bollard Pull:	59,1 MT (Noble Denton approved)
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Double drum waterfall type 150 T Pull

Towing Drum

150 T cap with brake holding power of 200 T

Towing Wire

1x1200 m, 57 mm dia.

Spare Wire:

1x850 m, 57 mm dia.

Anchor Handling Wire

1x350, 57 mm dia.

2 x 3” Gypsies

2 Hydraulic ULSTEIN Towing Pins

2 Hydraulic ULSTEIN Shark Jaws

Stern Roller 3,8 m x 1,52 m dia.

Chain Lockers 2x95 m³ (alternative to MUD tanks)

Navigation

RADIO STATION GMDSS: area A1,A2,A3

VHF: 1 (Raytheon)

RADAR: 2 (Furuno)

GPS: 1 (Furuno)

ECHOSOUNDER: 1 (Furuno)

GYROCOMPASS: 1 (Plath)

AUTOPILOT: 1 (Plath)

AIS: 1

Other: according to SOLAS regulations

Antipollution system

2x Spray Booms & Pumps to spray mixed water and dispersant

Firefighting Equipment

2 x Kvaerner centrifugal pumps, capacity
Each 1.500m³/h

2 x Thune monitors, capacity 1.500m³/h, each

Accommodation

Total Bunks: 24 (Crew+ 12 Pax)

Other Ship Authorizations

Dangerous Goods (IMDG CODE - CI 1 ÷ 9)

Radioactive Sources

SPS Transport of 12 special personnel

Rescue Boat: n°1 x 6 Pers.