



## AHTS "MED SETTE"



### Built

1982 – APPLIEDORE – UK

### Flag

Italian

### Classification

RINA: C - TUG-SUPPLY VESSEL-FIRE  
FIGHTING SHIP II- OIL RECOVERY  
SHIP- AUT UMS-ICE CLASS IC  
UNRESTRICTED NAVIGATION  
NOBLE DENTON APPROVED

### Dimension

LOA: 69,30 m  
Breadth (moulded): 15,50 m  
Depth (moulded): 7,22 m  
Draft (max): 6,36 m  
Deadweight: 2.075 T

### Tonnage

GRT : 1.969 T  
NRT : 590 T

### Cargo Capacity

Deck Area: 38 m x 13 m  
Deck Load: 800 T – 5 T/m<sup>2</sup>  
Fuel Oil: 900 m<sup>3</sup> @ 100%  
Potable Water: 300 m<sup>3</sup> @ 100%  
Drill Water: 750 m<sup>3</sup> @ 100%  
Oil Based MUD: 342 m<sup>3</sup> @ 100%  
Brine: 342 m<sup>3</sup> @ 100%  
Dry Bulk: 202 m<sup>3</sup> in 4 tanks  
Recoil: 300 m<sup>3</sup> @ 100%

### Discharge Rates

Fuel: 110 m<sup>3</sup>/h @ 90 mhd  
Potable Water: 100 m<sup>3</sup>/h @ 90 mhd  
Drill Water: 100 m<sup>3</sup>/h @ 90 mhd  
Oil Based MUD: 55 m<sup>3</sup>/h @ 60 mhd  
Brine: 100 m<sup>3</sup>/h @ 60 mhd  
Dry Bulk: 2x795 m<sup>3</sup>/h @ 80 psi

### Deck Machinery

Capstans: 2 x 10 MT  
Tugger Winch: 2 x 10 MT  
Deck Crane: 1 x 5,9 MT @ 1,8 m

### Machinery

Main Engines: (B&W Alpha)  
4 x 3.180 BHP  
Bow Thruster: - 1 x 500 BHP  
- 1x 650 BHP  
Stern Thruster : 1 x 500 BHP  
Propellers : 2 x CPP

### Speed & Consumption

- 11,0 knots @ 14 MT/day (Service Speed)  
- 15,4 knots @ 45,0 MT/day (Full Speed)  
- For economy on fuel the Vessel can  
operate on any combination of 1,2,3 or 4  
engines

### Manoeuvring Equipment

- Simrad Joystick

### Towing and Anchor Handling

Bollard Pull: 147,3 MT  
Three drum waterfall type winch of Hydraulic  
Brattvaag manufacture  
Towing Drum  
260 T cap with brake holding power of 400 T  
1 x 1.150 m, 70 mm dia  
Towing Wire  
1 x 1.100 m, 76 mm dia  
Spare Wire  
1 x 1.150 m, 70 mm dia  
Anchor Handling Drums  
260 T cap each with brake holding power of 400T  
2 x 1.000 m, 56 mm dia  
Spare Wire Drum  
1 x 1.150 m, 70 mm dia  
2 x 76 mm Gypsies  
2 x Hydraulically operated Towing Pins  
2 x Karm Forks  
Stern Roller 3,66 long 2,2 dia.  
4 x Chain Lockers total Capacity 270 m<sup>3</sup>

### Navigation

GMDSS MARCONI  
(area A1,A2,A3):  
VHF (F): SAILOR RT2048  
VHF (A): SAILOR RT144C  
RADAR (2): - Decca Bridgemaster  
10cm  
- Decca Bridgemaster  
3cm  
GPS: FURUNO GP50  
ECHOSOUNDER: Kelvin Hughes MS45  
GYROCOMPASS: SG Brown MK 10  
Doppler Log: Raytheon DSL 350  
Autopilot: Decca 41E 49  
Radiotel: SAILOR RG2100  
Watch Rec: DEMEC RS8000  
Aeronautical: - Marconi Warden 4  
- Marconi KingKY195B  
Sat/Tel: MINI M T&T

### Other Ships Authorization

Dangerous Goods: Yes  
Italian Decree 271/99: Yes

### Accommodation

12 x 1 Man  
1 x 2 Man  
2 x 4 Man

### Firefighting Equipment

2 x Weir centrifugal pumps, capacity  
each 3.600m<sup>3</sup>/h against 180 mhd  
4 x Kerr monitors, capacity 30.000 l/min  
1 x Weir centrifugal pump spray system,  
10 l/min/m<sup>2</sup> through 140 nozzles