



## AHTS "MED OTTO"



### Built

YEAR 2006 - DAMEN  
Design: DAMEN 6114

### Flag

Italian

### Classification

Bureau Veritas I \*Hull \*MACH; Supply Vessel - Fire Fighting ship 1-Oilrecovery ship SECOND-LINE - Unrestricted navigation \*AUT-UMS \*Dynapos AM/AT  
(Noble Denton approved)

### Dimension

LOA: 61,20 m  
Breadth (moulded): 13,50 m  
Depth 6,00 m  
Draft (max): 4,75 m  
Deadweight: 1.200 T

### Tonnage

GRT : 1471,00 T

### Cargo Capacity

Deck Area: 300,0 m<sup>2</sup>  
Deck Load: 500,0 T – 5 T/m<sup>2</sup>  
Fuel Oil: 428,0 m<sup>3</sup> @ 100%  
Fresh Water: 225,0 m<sup>3</sup> @ 100%  
Drill Water: 307,0 m<sup>3</sup> @ 100%  
MUD: 214,0 m<sup>3</sup> @ 100%  
Dry Bulk: 144,0 m<sup>3</sup> @ 100%

### Discharge Rates

Fuel: 100,0 m<sup>3</sup>/h @ 7,5 bar  
Fresh Water: 100,0 m<sup>3</sup>/h @ 7,5 bar  
Drill Water: 100,0 m<sup>3</sup>/h @ 7,5 bar  
MUD: 45,0 m<sup>3</sup>/h @ 18 bar  
Dry Bulk: 1662,0 m<sup>3</sup>/h @ 80 psi

### Deck Machinery

Deck Crane: 3,0 T @ 8,2 m  
Tugger Winch: n.2 x 10 T pull  
Capstan: n.2 x 5 T pull

### Propulsion System

Main Engines: (WARTSILA 6L26)  
2x2754 BHP@1000 rpm  
Bow Thruster: 1 x 533 BHP  
Propellers : 2 x CPP in nozzles

### Auxiliary equipment

- n.3 generator set CUMMINS type N14 DM, Kw 283, V 440, 60 Hz  
- n.1 emergency generator set CUMMINS Type 6CT8.3 D-M, Kw 115

### Speed

- 12,5 knots (Service speed)  
- 13,5 knots (Full Speed)

### Towing and Anchor Handling

Bollard Pull: 71,3 MT  
Towing Drum  
120 T cap with brake holding power of 150 T  
1 x 1000 m, 50 mm dia  
Towing Wire  
1 x 1000 m, 50 mm dia  
Spare Wire  
1 x 800 m, 50 mm dia  
Anchor Handling Drum  
120T cap each with brake holding power of 150 T  
1 x 1000 m, 50 mm dia  
1 set Hidraulically operated combined Towing Pins (SWL 150 T) and chain forks (SWL 250 T)  
Stern Roller 3,50 long 1,50 m dia SWL 180 T

### Navigation

1 x Radio station acc. GMDSS-A1, A2,A3,  
1 x Gyro Compass, 1 x Auto Pilot,  
1 x Speed Log, 1 x Echo Sounder,  
2 x Radar, 1 x GPS, 2 x DGPS, 1 x AIS  
Others: according to SOLAS Reg.

### Dynamic Positioning

DP-1 Dynamic Positioning System  
KONGSBERG Type

### Other Ship Authorizations

Dangerous Goods (IMDG CODE)  
Radioactive Sources  
COF transport of noxious liquid substances in bulk (Cl. Z, X)  
SPS transport of 48 special personnel

### Accommodation (Vessel Certified "Special Purpose Ship")

Crew Bunks: 11 pers.  
Passengers/Technicians  
Bunks: 18 pers.  
Total 29 pers.

### Firefighting Equipment – Fi-Fi 1

n.2 pumps 1200,0 m<sup>3</sup>/h @ 12,0 bar  
n.2 monitors 20000,0 l/m, each  
proportioning pump for the foam injection system

### FRC

n.1 fast rescue boat capacity 9 pers.