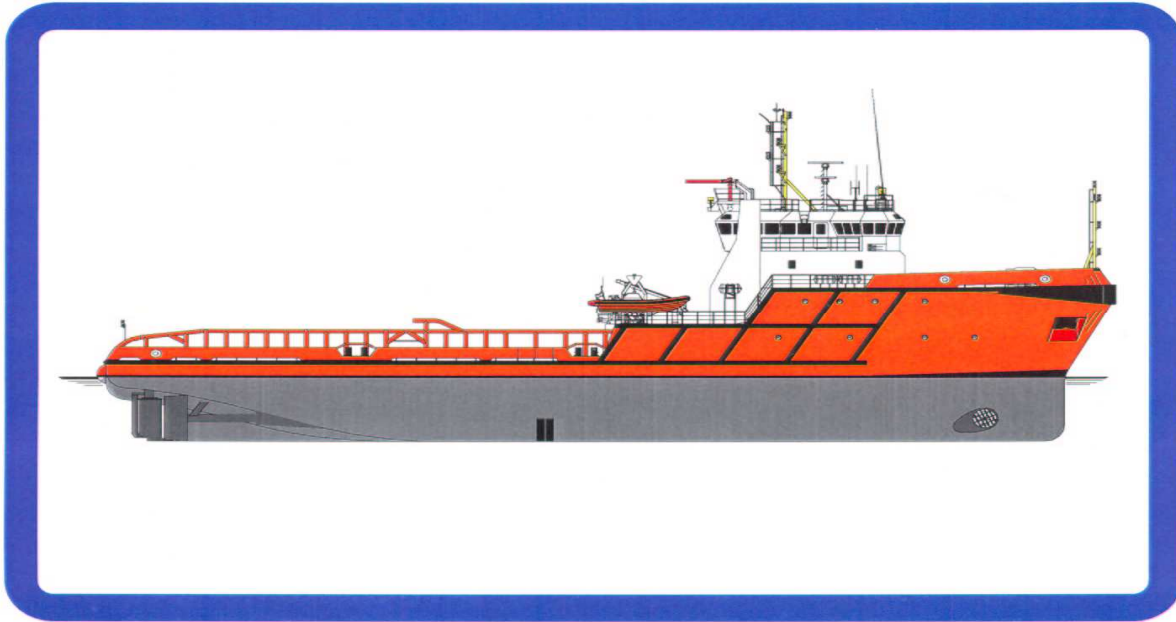




AHTS "MED OTTO"



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 m²
-Deck Load: 500,0 T – 5 T/m²
-Fuel Oil: 428,0 m³ @ 100%
-Fresh Water: 225,0 m³ @ 100%
-Drill Water: 307,0 m³ @ 100%
-Liquid MUD/Recoil
P.I. >60°C: 214,0 m³ @ 100%
-Dry Bulk: 144,0 m³ @ 100%

Discharge Rates

Fuel: 100,0 m³/h @ 7,5 bar
Fresh Water: 100,0 m³/h @ 7,5 bar
Drill Water: 100,0 m³/h @ 7,5 bar
MUD/Recoil: 45,0 m³/h @ 18 bar
Dry Bulk: 1662,0 m³/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 @ 12,5 MT/day (Service speed)
- 13,5 knots @ 18,0 MT/day (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 Hydraulically 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 m³/h @ 12,0 bar
n.2 monitors 20000,0 l/m, each proportioning pump for the foam injection system

Rescue Boat

n.1 x 6 pers.

Work Boat

n.1 inflatable FRB capacity 9 pers.