



AHTS ASSO VENTOTTO

Year	2007
Flag	Italian
Builder	Kleven Maritime - Myklebust - Norway
Design	UT 734
Class society	RINA
Class notation	+Hull, +Mach, Tug, Supply Vessel, DP2, FiFi1, Water-Spraying, Oil Recovery Ship, Nav IL, Aut-UMS, Inwatersurvey, SPS, Standby, Rescue
IMO number	9379416

GENERAL INFO

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MAIN PARTICULARS

Length OA	68,90	mt
DWT	2.450	T
Length BPP	60,45	mt
Breadth moulded	16,80	mt
Depth moulded	7,20	mt
Gross tonnage	2.554	T
Net tonnage	766	T
Maximum draft	6,15	mt

CARGO CAPACITIES

Working Clear Deck - space	
480	
Working Clear Deck - length x breadth	
31,5mt x 14	
Max Deck Cargo	1.000 T
Deck loading	
10T/sqm from stern roller to frame 7 x 8mt wide - 7T/sqm from frame 7 to frame 24 x 6mt wide - 5T/sqm wooden planking	
Fuel Oil	756 cbm
Fresh Water	731 cbm
Drill Water	multipurpose - 1.047 cbm
Brine	multipurpose - 535 cbm
Mud	multipurpose - 535 cbm
Base Oil	dual purpose - 202 cbm
Dry Bulk	247 cbm
Number of Dry Bulk tanks	
4	

MACHINERY/PROPULSION

Bollard pull continuous	
140	
Main Engines	
2 x Bergen 33L6P 1.800 kW each 2 x Bergen 33L8P 2.400 kW each	
Drive type (Direct/Diesel Electric)	
Direct	
Total power (BHP)	11.400
Rudders	
Two off Ulstein High Lift Flap. Two independent electric-hydraulic steering gears	
Bow thruster(s) (number and BHP)	
2 x tunnel Ulstein TT 1650 - 900 BHP (V controllible pitch propellers)	
Stern thruster(s) (number and BHP)	
1 x tunnel Ulstein TT 1650 - 900 BHP (V controllible pitch propellers)	

Shaft generator

2 x 2.400 kW - 440V - 60HZ

Diesel generator

2 x Volvo Penta 350kW - 440V - 60HZ

Emergency generator

1 x Volvo Penta 160kW - 440V - 60HZ

Fuel type - (MGO / IFO / HFO)

MGO

ANCHOR HANDLING CAPACITIES
Winch Type - Double/Triple Drum

Brattvaag BSL 350W/SL350W - Double Drum waterfall

Winch - Pull Rating

350 (first line pull) - T

Winch - Brake Rating

450 - T

Anchor Handling Drum(s) wire capacity

2.540mt x 76mm

Towing Drum wire capacity

3.800mt x 76mm

Work wire A/H - length / diameter

800mt x 76mm + dead man 200mt

Tow wire - lenght / diameter

1.200mt x 76mm - break load 437 T

Spare tow wire - length / diameter

1.200mt x 76mm - break load 437 T

Tugger Winch (number / capacity / rating)

2 x 15T x 30 mt/min

Capstan

2 x 10T x 20 mt/min

Rig chain lifters (Gypsies)

2 x 76 mm / 2 x 94 mm

Grapnels for chain

4 Prong Grapnel hook - 250 T SWL

DECK EQUIPMENT

Chain lockers 220 cbm

Stern Roller

5mt x 3mt diam - 500 T/SWL

Towing Pins (type and number)

2 off pair R.R.M. - 250 T/SWL

Shark Jaws - (type and number)

2 x Rolls Royce Karm fork, variable inserts and hydraulic centering device

Crane

3 T / 16mt

CARGO DISCHARGE CAPACITY

Fuel Oil 200 cbm/hr at 9 bar

Drill Water 200 cbm/hr at 9 bar

Brine 75 cbm/hr at 18 bar

Mud 75 cbm/hr at 18 bar

Base Oil 100 cbm/hr at 9 bar

SPEED/CONSUMPTION
Max Speed/Consumption

15,5 knots per 32 T/day

Economical Speed/Consumption

10 knots per 12 T/day

Port Consumption

0,5 T/day

ACCOMODATION

Crew	
12 single bed cabins + 3 double bed cabins (all cabins have private bathroom)	
Passengers	
2 four bed cabins (private bathroom)	
Hospital	1

FI-FI

FiFi	FiFi1
Number of monitors	2 x 1.200 cbm/hr
Number of pumps	2 x 1.800 cbm/hr

ANTI POLLUTION EQUIPMENT

Dispersant	10 - cbm
Oil Recovery capacity	
not dedicated - 606 - cbm	

RESCUE EQUIPMENT

Rescue Zone	Yes
Rescue Boat	
1 x 6persons - 530 MIDGET MK II - 75HP	
Inflatable life rafts	
6 - 96 persons in total	
Life jackets	
41 (including 2 x children)	

NAVIGATION AND COMMUNICATION EQUIPMENT

Joystick (Yes / No)	Yes
DP	Class2
Radar (number and type)	
2 x Baybridge X band and S band	
GMDSS	3 x Jotron TR 20
Inmarsat	
2 x Thrane&Thrane TT-3042C + 1 x JRC JUE500 + 1 x VSAT KU Band + 1 x TV SAT	
VHF	
2 x Thrane&Thrane RT 5022	
DGPS/GPS	
2 x DGPS Kongsberg DPS 200 and DPS 132 + Leica GPS MX 420	
Echo sounder	Sperry ES 5100
Speed log	Yes
Gyroscopic compass	
3 x Sperry Navigat X MK 1	
Automation	Sperry Navipilot V HSC