



# 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 - length / 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
Grappels for chain	4 Prong Grapple 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