



AHTS ASSO VENTINOVE

Year	2008
Flag	Italian
Builder	Kleven Maritime - Myklebust - Norway
Design	UT 734
Class society	RINA
Class notation	+Hull, +Mach; tug-rescue; supply vessel-standby; oil recovery ship; fire fighting ship-1; water spraying; unrestricted navigation; AUT-UMS; DP2; inwatersurvey
IMO number	9379428

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

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	730 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	
Bollard pull max	140 T
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 each
Diesel generator
2 x 350 kW - 440V - 60HZ each
Emergency generator
1 x 160 kW - 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	
2.450 mt x 76 mm diam.	
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 30mt/min	
Capstan	2 x 10T x 20mt/min
Rig chain lifters (Gypsies)	
2 off cap. 76mm rig chain	
Grapnels for chain	
4 Prong Grapnel hook - 250T SWL	

DECK EQUIPMENT

Chain lockers	220 cbm
Stern Roller	
5mt x 3mt diam - 500T SWL	
Towing Pins (type and number)	
2 x R.R.M. - 250T SWL	
Shark Jaws - (type and number)	
2 x Rolls Royce Karm fork, variable inserts and hydraulic centering device	
J Hook	-
Crane	3 T / 16mt

CARGO DISCHARGE CAPACITY

Fuel Oil	200 cbm/hr at 9 bar
Fresh Water	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 x 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

Foamite 7 - cbm

ANTI POLLUTION EQUIPMENT

Dispersant 10 - cbm

Spray booms 2

Oil Recovery capacity
not dedicated - 606 - cbm

RESCUE EQUIPMENT

Rescue Zone Yes

Rescue Boat

1 x 6persons - 530 MIDGET MK II-75 HP

Inflatable life rafts

6 - 96 persons in total

Life jackets 39 + 2 (children)

NAVIGATION AND COMMUNICATION EQUIPMENT

Joystick (Yes / No) Yes

DP Class2

DP type

Kongsberg Simrad SD P11 Green DP

Radar (number and type)

2 x Sletten S band and X band

GMDSS

Thrane&Thrane HT4000/D1T

Inmarsat

Litton DT4646-E + Thrane&Thrane DT3606-E + 1 x JRC JUE 500 +
1 x VSAT Ku Band + 1 x TVSAT

VHF

2 Thrane&Thrane VHF/DSC RT5022 + Jotron Tron TR20 + 2

Motorola GP 340

DGPS/GPS GPS MX-Marine MX 420/8

Gyroscopic compass

3 x Vision Marine NAVIGAT X MK1