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

All data believed to be correct, but not guaranteed

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 sqm		
Working Clear Deck - length x breadth		
31,5mt x 14 mt		
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 cont.	151	T
Bollard pull max	156	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 indipendent electric-hydraulic steering gears		
Bow thruster(s) (number and BHP)		
2 x tunnel Ulstein TT 1650 - 900 BHP (V controllable pitch propellers)		
Stern thruster(s) (number and BHP)		
1 x tunnel Ulstein TT 1650 - 900 BHP (V controllable 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

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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	

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