



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	2450 T
Length BPP	60,45 mt
Breadth moulded	16,80 mt
Depth moulded	7,20 mt
Gross tonnage	2554 T
Net tonnage	766 T
Maximum draft	6,80 mt

CARGO CAPACITIES

Working Clear Deck - space	480
Working Clear Deck - length x breadth	31,5mt x 14
Max Deck Cargo	1000 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 - 1047 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
Details of Mud Recirc or agitation System	
Agitation system a/o recirculation	

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)	11400
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 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
Secondary Winch	2 off Rolls-Royce secondary winches, 138 T pull, socket compartment Capacity each drum: 1600mt of rope with dia. 208mm or 4000mt dia. 76mm wire
Anchor Handling Drum(s) wire capacity	2.450 mt x 76 mm diam.
Towing Drum	core dia 1500mm lenght 4350mt + 900mm capacity 3480mt of 86mm dia wire duty on towing d. 1st layer 350 ton at 0-23 mt/min dyn breaking first layer 77-555 ton at 0-43 mt/min static brake 550 ton
Towing Drum wire capacity	3.800mt x 76mm
Working Drum	core dia 1500mm lenght 4300mt + 900mm capacity 6400mt of 76mm dia wire duty on working d. 1st layer 500 ton at 0-18 mt/min dyn breaking first layer 97-694 ton at 0-43 mt/min static brake 625 ton
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
Rope Reel	1 x 10 t. pull at 0-61mt/min cap. 1.400mt of 81mm wire
A.H. Tong	2 x 800 swl up to 6
Double Stern Roller	2 x 3.000mm, 3.500mm dia, 550

DECK EQUIPMENT

Chain lockers	220 cbm
Stern Roller	5mt x 3mt diam - 500 T swl
Towing Pins (type and number)	2 x R.R.M. - 250
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 9 bar
Mud	75 cbm/hr at 9 bar
Base Oil	100 cbm/hr at 9 bar
Tank cleaning system for wet bulk tanks? - Yes / No	Yes
ORO	brine pump and mud pump can be used also for ORO system
Bulk system	2 Screw compressor at 5,6 bar - air capacity 30,1 m3/min each 1 x Mucking ejector 2 x Air dryer, refrigerated type 2 x Dust cyclones

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
Numbers 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
Dosage pump	fitted

RESCUE EQUIPMENT

Rescue Zone	Yes
Rescue Boat	1 x 6persons - 530 MIDGET MK II-75 HP
Fast Rescue Boat	1 x HATECKE FRB 600 IB 164 HP waterjet,25 KN speed with approved A-frame foldable davit-arm. DR - 600
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
Echo sounder	fitted
Speed log	fitted
Gyroscopic compass	3 gyrocompass
Automation	fitted