



AHTS ASSO VENTIGUATTRO

Year	2001
Flag	Italian
Builder	Orskow - Frederikshavn - Denmark
Design	UT 728
Class society	RINA
Class notation	+hull, +mach; tug; supply vessel - standby; oil recovery ship; Nav IL; FFQ-2; AUT-UMS; DP2
IMO number	9235294

GENERAL INFO

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MAIN PARTICULARS

Length OA	69,40	mt
DWT	2.000	T
Length BPP	59,40	mt
Breadth moulded	16,80	mt
Depth moulded	7,50	mt
Gross tonnage	2.469	T
Net tonnage	740	T
Maximum draft	6,10	mt

CARGO CAPACITIES

Working Clear Deck - space	450	
Working Clear Deck - length x breadth	32,50mt x 13,50	
Max Deck Cargo	1.000	T
Deck loading	10T from stern roller to frame 8 x 8mt - 10T from frame 8 to frame 27,50 x 6mt - 5T wooden planking	
Fuel Oil	856	cbm
Fresh Water	633	sqm
Drill Water	dual purpose - 832	cbm
Brine	multipurpose - 440	cbm
Mud	multipurpose - 440	cbm
Dry Bulk	232	cbm
Number of Dry Bulk tanks	4	

MACHINERY/PROPULSION

Bollard pull continuous	158	
Bollard pull max	162	mt
Main Engines	2 x MAK 9M25 - 3.680 BHP each 2 x MAK 8M25 - 3.270 BHP each	
Drive type (Direct/Diesel Electric)	Direct	
Total power (BHP)	13.900	
Rudders	Two off Ulstein High Lift flap rudders. Two independent electric-hydraulic steering gears	
Bow thruster(s) (number and BHP)	2 x Ulstein 250TV - 1.000 HP	
Stern thruster(s) (number and BHP)	1 x Ulstein 250TV - 1.000 HP	
Shaft generator	2 x 2.400 kW - 440V - 60HZ each	
Diesel generator	2 x 370kW - 440V - 60HZ each	

Emergency generator	1 x 164 kW - 440V - 60HZ
Fuel type - (MGO / IFO / HFO)	MGO

ANCHOR HANDLING CAPACITIES

Winch Type - Double/Triple Drum	Brattvaag BSL 380W/SL 380W - Double Drum waterfall
Winch - Pull Rating	380T x 7mt/min double drive first layer - T
Winch - Brake Rating	550 - T
Anchor Handling Drum(s) wire capacity	1 x 3600mt x 76 mm
Towing Drum wire capacity	4879mt x 76mm
Work wire A/H - length / diameter	600 mt x 76mm + 200 x 77mm
Tow wire - length / diameter	1200mt x 77mm - break load 440T
Spare tow wire - length / diameter	1200mt x 77mm - break load 440T
Tugger Winch (number / capacity / rating)	2 x Brattvaag x 15T x 21mt/min
Capstan	2 x Brattvaag x 10T x 22mt/min
Rig chain lifters (Gypsies)	2 x 76mm / 2 x 90mm

DECK EQUIPMENT

Chain lockers	260 cbm
Stern Roller	5mt x 3mt diam - 550 T/SWL
Towing Pins (type and number)	4 x 240 T/SWL (Closed Top)
Shark Jaws - (type and number)	2 Karm Fork 130701 for wire chain with MBL up to 500T
Crane	2 T / 16m

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

SPEED/CONSUMPTION

Max Speed/Consumption	16,50 knots per 38 T/day
Economical Speed/Consumption	10 knots per 11 T/day
Port Consumption	0,5 T/day

ACCOMODATION

Crew	13 single beds
Passengers	3 four beds

FI-FI

FiFi	FiFi2
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Number of monitors	2
Number of pumps	2 x 3.647 cbm/hr each

ANTI POLLUTION EQUIPMENT

Dispersant	6,8 - cbm
Oil Recovery capacity not dedicated - 654 - cbm	

RESCUE EQUIPMENT

Rescue Zone	Yes
Rescue Boat 1 x 6 persons - ALUSAFE MOB 600 - 130 HP	
Inflatable life rafts 4 - 25 persons in total	
Life jackets	31 + 2 (for children)

NAVIGATION AND COMMUNICATION EQUIPMENT

Joystick (Yes / No)	Yes
DP	Class2
DP type	Kongsberg SDP Simrad
Radar (number and type) 2 x Furuno RDP-124	
Inmarsat 1 x Thrane&Thrane TT3020 C Capsat + 1 x JRC JUE 251 +1 VSAT KU Band	
VHF 2 x Thrane&Thrane VHF/DSC	
Echo sounder	Furuno FE-700
Radio Telex	Sperry SRD 331
Gyroscopic compass	Litton SR 180 MK1
Automation	Sperry ADG 3000VT