



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 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 independent 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 - 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 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 | |