



# 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<br>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   |                        |