



## AUDAX

Type: Dual Fuel ASD Ocean-going escort tug

Hull material: Steel

Owner: Østensjø Rederi A/S (Norway)

Audax is one of a series of three Dual Fuel tugs designed to withstand freezing cold and grant full operational availability at temperatures of 20 degrees below zero. Thanks to its innovative Dual Fuel system, these escort tugs combine the use of LNG in most of their operations with the flexibility of diesel power to ensure high operational safety and environmental sustainability.



## MAIN PARTICULARS

### General information

|                    |  |
|--------------------|--|
| Hull material      | Steel  |
| Type               | Dual Fuel ASD Ocean-going escort tug   |
| Delivery           | 2017   |
| LRS Class Notation | 1 <input checked="" type="checkbox"/> HULL <input checked="" type="checkbox"/> MACH, ESCORT TUG (167/10), FIREFIGHTING SHIP 1, WATER SPRAYING, OIL RECOVERY SHIP, DUAL FUEL, UNRESTRICTED NAVIGATION <input checked="" type="checkbox"/> AUT-UMS |

### Dimensions

|                |        |
|----------------|--------|
| Length overall | 40.2 m |
| Beam moulded   | 16 m   |
| Depth          | 6.3 m  |
| Draught        | 6.7 m  |

### Capacities

|              |                    |
|--------------|--------------------|
| Fuel oil     | 314 m <sup>3</sup> |
| Fresh water  | 46 m <sup>3</sup>  |
| Oil recovery | 255 m <sup>3</sup> |
| LNG          | 30 m <sup>3</sup>  |

### Accommodation

|                   |                |
|-------------------|----------------|
| Accommodation for | 5              |
| Wheelhouse        | 360 Visibility |

## PERFORMANCE & MACHINERY

### Propulsion / Manoeuvring

|                         |                                    |
|-------------------------|------------------------------------|
| Propulsion System       | Dual Fuel/ASD                      |
| Main Engines            | 2 x Wärtsilä 6L34DF, 3,000 kW each |
| Main Azimuth Propellers | 2 x SCHOTTEL SRP 3030CP            |
| Bow Thruster            | 1 x SCHOTTEL STT 170 T-FP, 250 kW  |
| LNG Pack                | Wärtsilä                           |

### Features

|                            |       |
|----------------------------|-------|
| Maximum speed              | 15 kn |
| Bollard pull (aft)         | 110 t |
| Steering force at 10 knots | 155 t |

## EQUIPMENT

### Deck / Special equipment

|                       |   |
|-----------------------|---|
| Oil booms             | NO-800-R 300 m  |
| Oil skimmer           | NorMar 200 m <sup>3</sup> /h  |
| Deck cranes           | 1 x 3.8 t at 12 m   |
| Towing winches        | 1 x Karmøy Winch Forward + 1 x Karmøy Winch Aft   |
| Hydraulic Towing pins | 1 x Type: Karmøy Combined Karm Fork & Towing pin system + 1 x Type: Karmøy Retractable Escort pin |
| Fast rescue craft     | 1 x MOB ZD RIBO 450 + Yamaha Outboard 25 hp   |