



## DUX / PAX / AUDAX

Type: Dual Fuel ASD Ocean-going escort tug

Hull material: Steel

Owner: Østensjø Rederi A/S (Norway)

Dux is the first 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
BV 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	6.1 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	8
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)	108 t
Steering force at 10 knots	167 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