

## Vessel Specification

### Tug - Nomad



#### General

Type of vessel: Multi-purpose Tugboat  
Basic functions: Tug vessel, Surveying, Crew change  
Oil pollution control, Guard vessel  
Offshore windfarm support

Passenger License: P5 for 12 persons  
Call Sign: E15298  
MMSI: 250000353  
Port registered: Sligo  
Official No. 358330

#### Dimensions

Length OA: 24m  
Beam OA: 7m  
Draft: 2.6m  
Gross Tonnage: 91.4t  
Nett Tonnage: 31.7t  
DWT: 146.22t  
Displacement: 185t  
Speed Light: 11.5kts  
Bollard Pull: 10tonnes

#### Tank Capacities

Fuel oil: 30,000 ltrs  
Fresh Water: 1500ltrs (Fresh water making machine)

#### Propulsion System

Propulsion type : Single Screw in Steerable Nozzle  
Main Engine: Caterpillar, type D379 BTA  
Gearbox: Cat gearbox, ratio 3.95 : 1  
Auxiliary Engine: 2 x 37 kW Cummins  
Generators: 2 x 32 kW, 240/415 Volts, 50 Hertz  
Bow thrusters Hydraulic 60 hp

#### Deck equipment

Cranes: 3t Hiab Seacrane  
8t Hiab Seacrane  
Winch: 5t winch with 3.5t A frame  
A-Frame : 5t survey hydraulic A-frame

FRC/MOB: 6 man RIB rescue craft

#### Navigation Equipment

2 x Radar (Arpa),  
MF/HF Radio  
GPS, 2x VHF,  
SSB, echo sounder, GMDSS Radio, Navtex,  
DSC, auto pilot, plotter, Sat C, email, AIS

#### Emergency Response Equipment

Rolls Royce diesel 150 bhp at 1800 rpm, driving fire fighting  
Salvage pump 5200 ltrs/min.  
200m Vikoma Sentinel 1100 boom  
Komara 20 Skimming system