



Wave Master

Wind Farm Service Vessel

Hull Form

The Wave Master is an innovative design from Alnmaritec representing the next generation in wind farm service craft. Her new hull form was developed using CFD techniques and model tested, and she achieves an impressive turn of speed of 25 knots with a relatively modest horsepower.

She is fitted with custom-designed controllable pitch propellers operating in a semi tunnel with interceptors and twin hydraulic bow thrusters. Her wheelhouse interior is completely resiliently mounted to provide exceptionally low noise levels even when operating at speed. She has sleeping accommodation within the hulls, crew and passenger galleys and she is fully outfitted with air conditioning, wireless internet, satellite TV and communications.

For work on the wind farms she has an inbuilt fuel transfer system, high pressure wash system, spares storage capacity, and for personnel transfer she has an intelligent fender system which gives real-time pressure read-outs when the boat is pushing against the turbine structure. She is truly a 'state-of-the-art' vessel.

Principal Dimensions

Length overall	21m
Beam overall	7.2m
Weight	50t
Operating speed	24kts

Main Features

- Novel bow fender
- On-board accommodation
- Noise reduction in wheelhouse

Main Equipment

- 2 x MTU 8V 2000 marine diesel engines
- 2 x Servogear CPP propellers

Certification

- MCA Category 2

