



UNRIVALED SPEED – COMFORT – ACCESS



WAVECRAFT™ series – Sprinter 26

Sprinter series is a new-generation high-speed crew transfer vessel, ideally developed to meet the needs of the offshore renewable energy sector. Sprinter is designed to offer exceptional seakeeping, passenger comfort, and safe boarding capabilities, while maximizing the availability of wind turbines for minimal costs.

Proven surface-effect ship (SES) and an air-cushion catamaran technologies, enhanced with an active vertical motion damping system, which reduces wave-induced pressure fluctuations in the cushion and, hence, vertical motion, ensuring a smooth and comfortable ride. When approaching a turbine, boarding control system (BCS™) is activated, significantly reducing heave and pitch motions. This enables personnel to safely and simply step onto the turbine.

ADDED VALUE

- Transit time reduction
- Improved comfort and productivity of personnel
- Maximized turbine accessibility
- Reduced O&M cost

STRONG performance **LIGHT** materials



CLASSIFICATION

DNVGL ✱ 1A1 HSLC R1 Windfarm Service
 DNVGL ✱ 1A1 HSLC R1 Crew Windfarm (GBR)
 Full Term MCA Work Board Code or HSOSC

GENERAL

Hull material Composite Sandwich Materials
 Main operation Crew Transfer Vessel –12h/24-7
 Passengers 12-24
 Crew 3-4
Boatloading 2,0 m Hs (2,5 m Hs in swell)

MAIN CHARACTERISTICS

Length overall 25,6 m
 Length between P.P 21,7 m
 Load Line Length 21,7 m
 Width overall 10,4 m
 Draught off cushion 2,1 m
 Draught on cushion (in transit) 0,7 m
 Dead weight 10 ton

PERFORMANCE

Max. speed 40 kn
 Cruising speed 35 kn
 Cruising speed @ 1,5m Hs 25 kn

ECONOMY OPERATION

Economy speed @ 85 % MCR 35 kn
 Fuel consumption 16,5 l/nm
 Range @ 8m³ 500 nm

MACHINERY

Main engines 2 x 1081 kW
 Aux. engines 2 x 27 kW
 Lift fan engines 1 x 500 kW
 Propulsion Water jets

DECK

Cargo crane - SWL 480 kg @ 5.7 m
 Cargo capacity 1 ton/m²
 Deck load 30 m²
 Storage capacities on deck
 Lashing points in cargo zone
 Storage capacity for charterer

CAPACITIES

Fuel oil 8,0 m³
 Fresh water 1,0 m³
 Grey water 1,0 m³
 Black water 0,5 m³
 Ballast (seawater trim) 4,0 m³
 Fuel oil transfer for trimming of vessel

ELECTRONIC AND NAVIGATIONAL EQUIPMENT

AIS Crewfinder system
 Radar X band CCTV
 Electronic chart Video Screens
 Internet GMDSS A1/A2
 VSAT

LSA

SB Rescue Sling operated by single man or Man over Board system with rescue net SART, Helicopter hoisting rescue area



Surface-effect ship (SES) technology

Umoe Mandal is a leading supplier of all-composite high-speed craft and advanced composite structures for applications in marine, offshore, onshore, defense and aquaculture industries worldwide. Umoe Mandal is part of Umoe Group.

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