



UNRIVALED SPEED – COMFORT – ACCESS

Air-cushion catamaran design offers exceptional seakeeping, passenger comfort, significantly reduced seasickness and safe boarding capabilities.

ADDED VALUE

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

CLASSIFICATION

DNVGL ✱ 1A1 HSLC R1 Crew Windfarm (GBR)
Full Term MCA HSOSC

GENERAL

Hull material	Composite Sandwich Materials
Main operation	Crew Transfer Vessel –12h/24-7
Passengers	24
Crew	3-4
Boatloading	Up to 2,5 m Hs

MAIN CHARACTERISTICS

Length overall	26,6 m
Load Line Length	23,9 m
Width overall	10,40 m
Draught off cushion	3,0 m
Draught on cushion (in transit)	0,8 m
Dead weight	15 ton

PERFORMANCE

Max. speed	45 kn
Cruising speed	38 kn
Cruising speed @ 1,5m Hs	30 kn

ECONOMY OPERATION

Economy speed @ 85 % MCR	38 kn
Fuel consumption	21 l/nm
Range @ 14m³ fuel	600 nm

MACHINERY

Main engines	2 x 1440 kW
Aux. engines	2 x 65 kW
Lift fan engines	2 x 360 kW
Propulsion	Water jets

CAPACITIES

Fuel oil	15,0 m³
Fresh water	1,5 m³
Grey water	1,5 m³
Black water	1,5 m³
Ballast (seawater trim)	8,5 m³
Fuel oil transfer for trimming of vessel	

DECK

Cargo crane - SWL	480 kg @ 5,7 m
Cargo capacity	4 ton
Deck load	1 ton/m²
Storage capacities on deck	40,0 m²
Storage capacity for charterer	

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

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.

NOTE: Specifications can be changed without notice. Copyright Umoe Mandal © 2017.

STRONG performance **LIGHT** materials





UNRIVALED SPEED – COMFORT – ACCESS

Air-cushion catamaran design offers exceptional seakeeping, passenger comfort, significantly reduced seasickness and safe boarding capabilities.

ADDED VALUE

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

CLASSIFICATION

DNVGL ✱ 1A1 HSLC R1 Windfarm Service
Full Term MCA Work Boat Code

GENERAL

Hull material	Composite Sandwich Materials
Main operation	Crew Transfer Vessel –12h/24-7
Passengers	12
Crew	3-4

Boatloading Up to 2,5 m Hs

MAIN CHARACTERISTICS

Length overall	26,6 m
Load line length	23,9 m
Width overall	10,40 m
Draught off cushion	3,0 m
Draught on cushion (in transit)	0,8 m
Dead weight	15 ton

PERFORMANCE

Max. speed	42 kn
Cruising speed	38 kn
Cruising speed @ 1,5m Hs	30 kn

ECONOMY OPERATION

Economy speed @ 85 % MCR	38 kn
Fuel consumption	21 l/nm
Range @ 14m³ fuel	600 nm

MACHINERY

Main engines	2 x 1440 kW
Aux. engines	2 x 65 kW
Lift fan engines	2 x 360 kW
Propulsion	Water jets

CAPACITIES

Fuel oil	15,0 m³
Fresh water	1,5 m³
Grey water	1,5 m³
Black water	1,5 m³
Ballast (seawater trim)	8,5 m³
Fuel oil transfer for trimming of vessel	

DECK

Cargo crane - SWL	480 kg @ 5,7 m
Cargo capacity	4 ton
Deck load	1 ton/m²
Storage capacities on deck	40,0 m²
Storage capacity for charterer	

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

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.

NOTE: Specifications can be changed without notice. Copyright Umoe Mandal © 2017.

