



## UNRIVALED SPEED – COMFORT – FUEL EFFICIENCY



### WAVECRAFT™ series - Voyager 32

Voyager is a new-generation service vessel, designed for high-speed transfer of crew. When the distance from harbor is far and the operational weather window is narrow, Voyager craft offer a long-range, economical, commercially feasible and safe alternative to helicopters.

Based on proven surface-effect ship (SES) and air-cushion catamaran technologies, robust, lightweight composite hull, combined with an active vertical motion damping system Voyager 32 offers excellent seakeeping in high sea states, passenger comfort, significantly reduced seasickness, superior fuel economy (l/nm), low wake wash and reduced environmental footprint.

### ADDED VALUE

- Transit time reduction
- Improved technicians' safety and comfort
- Effective working hours and expanded operational window.

**STRONG** performance **LIGHT** materials



## CLASSIFICATION

DNVGL ✱ 1A1 HSLC R1  
Full Term MCA High Speed Offshore Service Craft

## GENERAL

Hull - Standard	Composite Sandwich Materials
Hull - High Performance	Carbon Fiber Composite Materials
Main operation	Crew Transfer Vessel –12h/24-7
Passengers	60-90
Crew	3-6
<b>Boatloading</b>	<b>Up to 2,5 m Hs</b>

## MAIN CHARACTERISTICS

	Standard	High performance
Length overall	31,2 m	31,2 m
Length between P.P	26,7 m	26,7 m
Load Line Length	26,5 m	26,5 m
Width overall	11,8 m	11,8 m
Draught off cushion	2,1 m	2,1 m
Draught on cushion (in transit)	0,8 m	0,8 m
Dead weight	25 ton	25 ton

## PERFORMANCE

	Standard	High performance
Max. speed	52 kn	<b>58 kn</b>
Cruising speed	48 kn	<b>50 kn</b>
Speed @ 1,0m Hs	43 kn	<b>50 kn</b>

## ECONOMY OPERATION

	Standard	High performance
Economy speed @ 85 % MCR	48 kn	<b>50 kn</b>
Fuel consumption	23 l/nm	<b>25 l/nm</b>
Range @ 14m³ fuel	600 nm	600 nm

## MACHINERY

	Standard	High performance
Main engines	2 x 2240 kW	<b>2 x 2880 kW</b>
Aux. engines	2 x 44 kW	2 x 44 kW
Lift fan engines	2 x 360 kW	<b>2 x 550 kW</b>
Propulsion	Water jets	Water jets

## DECK

	Standard	High performance
Cargo capacity	2 ton	2 ton
Deck load general	0.5 ton/m²	0.5 ton/m²
Deck load area	1.0 ton/m²	1.0 ton/m²
Storage capacity on deck	25 m²	25 m²
Storage capacity for charterer		

## CAPACITIES

	Standard	High performance
Fuel oil	14 m³	14 m³
Fresh water	1.6 m³	1.6 m³
Grey water	1.9 m³	1.9 m³
Black water	1.9 m³	1.9 m³
Ballast (seawater trim)	13 m³	13 m³
FiFi remote ctrl monitor	300 m³/h	<b>na</b>
Fuel oil transfer for vessel trim		

## ELECTRONIC AND NAVIGATIONAL EQUIPMENT

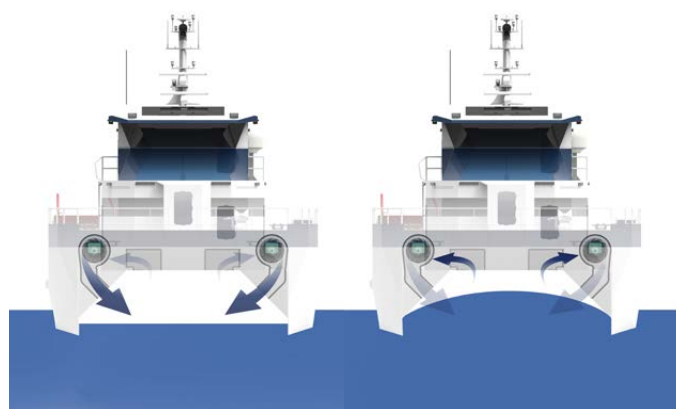
AIS	Crewfinder system
Radar X band	CCTV
Electronic chart	Video Screens
Internet	GMDSS A1/A2
VSAT	

## 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



Ride control system (RCS)

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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