



UNRIVALED SPEED – COMFORT – FUEL EFFICIENCY



WAVECRAFT™ series - Voyager 38 X

Voyager 38 X implements intelligent design and state-of-the-art technology to offer new standard for offshore crew transfer, directly competing with helicopter transfer on levels of safety, comfort, fuel efficiency and overall reduced cost of offshore logistics.

Combining proven surface-effect ship (SES) and air-cushion catamaran technologies with an active motion damping system, Voyager craft allow for reaching the offshore installations in high sea states, even when the distance from harbor is far and the weather window for safe operations is narrow. Outfitted with a motion compensated gangway and a SeaSpyder personnel transfer system, this unique craft is optimized for specific requirements of the offshore Oil & Gas industry.

ADDED VALUE

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

STRONG performance **LIGHT** materials



CLASSIFICATION

ABS A1 HSC Crew boat, "Circle E" + AMC + DPS-2
USCG TIER 4 emissions standard certified.
Other classifications options are available.

GENERAL

Hull material	Carbon Fiber Reinforced Plastic
Main operation	Crew transfer vessel
Passengers	100-150
Crew	6

PERSONNEL TRANSFER SYSTEM

Motion compensated gangway
Personnel transfer "SeaSpyder" system

MAIN CHARACTERISTICS

	USA	GLOBAL
Length overall	38,2 m	38,2 m
Length between P.P	34,1 m	34,1 m
Width overall	11,4 m	11,4 m
Draught off cushion	2,1 m	2,1 m
Draught on cushion (in transit)	0,8 m	0,8 m
Dead weight	30 ton	39 ton

PERFORMANCE

	USA	GLOBAL
Max. speed	52 kn	55 kn
Speed @ 1,0m Hs	43 kn	50 kn
Range @14m3 fuel	600 nm	600 nm

ECONOMY OPERATIONS

	USA	GLOBAL
Economy speed @85% MCR	45 kn	50 kn
Fuel consumption	30 l/nm @ 45 kn	30 l/nm @ 45 kn

MACHINERY

	USA	GLOBAL
Main engines	2 x 2560 kW	2 x 2880 kW
Aux. engines	2 x 90 kW	2 x 90 kW
Lift fan engines	2 x 550 kW	2 x 550 kW
Propulsion	2 x water jets	2 x water jets
Thrusters	2 x 14 kN fwd 2 x 14 kN aft	2 x 14 kN fwd 2 x 14 kN aft

LSA

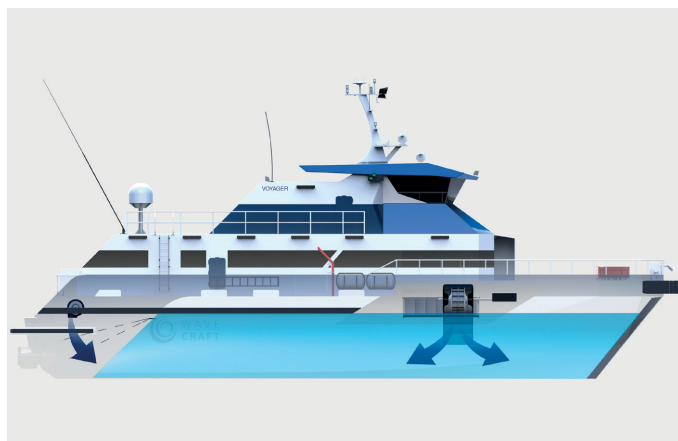
SB Rescue Sling operated by single man or Man over Board system
with rescue net SART, Helicopter hoisting rescue area

CAPACITIES

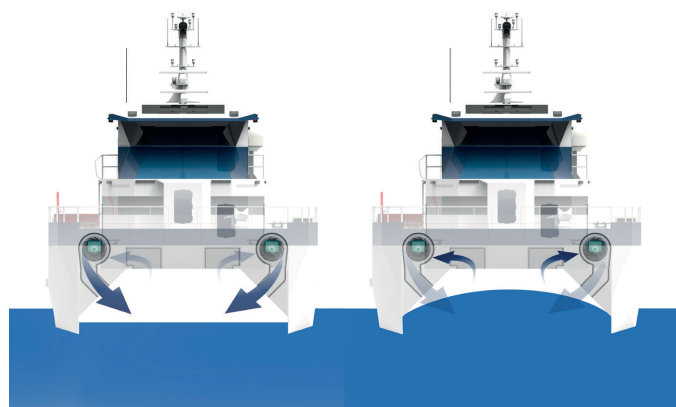
	USA	GLOBAL
Fuel oil	20 m ³	20 m ³
Fresh water	3,0 m ³	3,0 m ³
Grey water	1,5 m ³	1,5 m ³
Black water	2,0 m ³	2,0 m ³
Ballast (seawater trim)		
Fuel oil transfer for vessel trim		

ELECTRONIC AND NAVIGATIONAL EQUIPMENT

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



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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