

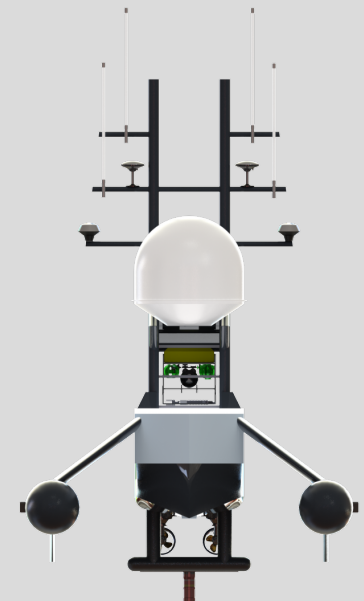


## AO WAVE

*THE WORLD'S FIRST ZERO CARBON  
EMISSION OVER-THE-HORIZON  
UNCREWED SURFACE VESSEL*

## KEY FEATURES

- 1 ZERO CARBON EMISSION
- 2 ENDURANCE OF UP TO 100 DAYS OF SURVEY OPERATIONS
- 3 CAPABLE OF DEPLOYING ROVS UP TO 1 TONNE FOR 30 DAYS OF OPERATIONS
- 4 SCALABLE ENDURANCE WITH NO IMPACT ON PAYLOAD CAPACITY
- 5 TRANSPORTABLE IN TWO 40' CONTAINERS FOR RAPID MOBILIZATION
- 6 LOW NOISE AND THERMAL SIGNATURE
- 7 DESIGNED TO MILITARY STANDARDS FOR SHOCK AND VIBRATION



## VESSEL SPECIFICATION

LENGTH	12	METRE
BEAM	6	METRE
MAX. DISPLACEMENT	40	TON
HEIGHT	11	METRE
PROPULSION	2 x 20	KILOWATT
MAX SPEED	8	KNOTS
TRANSIT SPEED	6	KNOTS
MOONPOOL DIMENSION	2 x 1.4	METRE
ENERGY SOURCE	PLEASE CONTACT ACUA OCEAN FOR MORE DETAILS	
COMMUNICATIONS	2 X VSAT SEA TEL 6012, 4G, 2X IRIDIUM CERTUS, WIFI, UHF, VHF	
ROV CAPABILITIES	MAX ROV WEIGHT: 1-TONNE (E.G. SEAEYE COUGAR -XTI)	
	MAX UMBILICAL: 1500 M	
	3 METRES UNDERWATER LAUNCH/RECOVERY	
MBES	MAX. DIMENSION 1.8 X 1.8 METRES	
ENDURANCE	SURVEY OPERATION: 4 DAYS TRANSIT AT 6 KNOTS + 100 DAYS MUTIBEAM SURVEY	
	ROV OPERATION: 4 DAYS TRANSIT AT 6 KNOTS + 30 DAYS ROV OPERATION	
REDUNDANCY	EVERY ACTIVE COMPONENT IS REDUNDANT	
STATION-KEEPING CAPABILITY	SS4	
OTHER	UP TO 60 RACK UNITS FOR OFE	