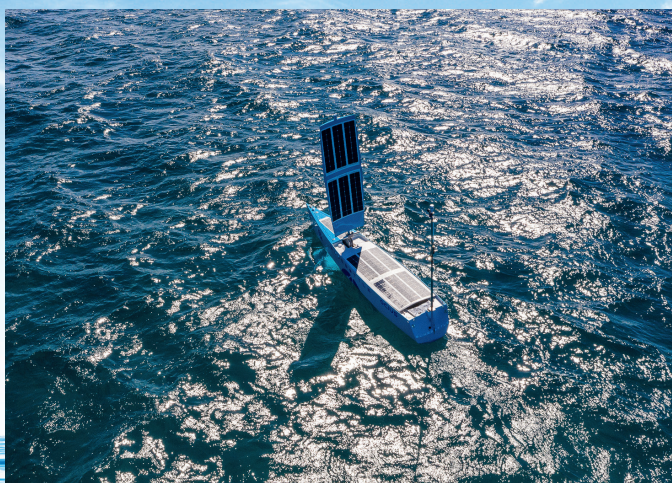




100% Australian Made & Owned



Maximum capability
with minimum logistics



AUTONOMOUS OCEAN SURVEILLANCE

YES BLUEBOTTLES CAN

- ✓ Operate unescorted in Australia's EEZ certified by AMSA
- ✓ Operate using 3 forms of renewable energy
= sun + wind + waves
- ✓ Operate without fossil fuels and associated logistics
- ✓ Advance in all conditions
- ✓ Operate in strong currents e.g. East Australia and Leeuwin
- ✓ Operate in Doldrums with no wind or waves e.g. Timor Sea
- ✓ Patrol reefs, shoals & islands e.g. Timor Sea and Indian Ocean
- ✓ Operate in storms, headwinds and hold station by lowering and securing solarsail
- ✓ Lower solarsail for tactical range advantage
- ✓ Situational awareness, detection & classification via radar, 360 degree and PTZ cameras
- ✓ Communicate LIVE via hi and low bandwidth satellite
- ✓ Carry 300kg partner payload
- ✓ Power 150W to partner payload for months with 8 hours sun per day
- ✓ Lower and recover sensors, modems and thin line arrays to varying depths
- ✓ Transport overland via RTA trailer & standard SUV
- ✓ Launch + recover from crewed vessels as small as 28m 200 tonnes e.g. MV Whale Song
- ✓ Launch + recover from ports with large tidal ranges e.g. Darwin and Broome
- ✓ Launch + recover without support boat or being towed
- ✓ Launch + recover from a standard council boat ramp



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AUTONOMOUS OCEAN SURVEILLANCE



BLUEBOTTLE USV

- ✓ Persistent autonomous intelligent individuals
- ✓ Operate in intelligent networks
- ✓ Multiple modular payloads
- ✓ Multiple missions
- ✓ Human on the loop, not in the loop
- ✓ Operate with partners and other assets

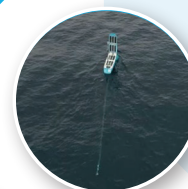
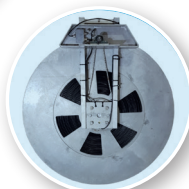


KEY PARTNERS

Royal Australian Navy
Australian Defence Innovation Hub
Australian Border Force & Maritime Border Command
Trusted Autonomous Systems Defence CRC
Defence Science Technology Group
Thales Australia
University of NSW
University of Tasmania AMC
One2three Naval Architects
Ulladulla Engineering
Spitfire Association
Clarke IP

DISCRIMINATORS

- ✓ Superior performance
- ✓ Minimal logistics
- ✓ AMSA Certified for EEZ
- ✓ Capability Demonstrated in Australia
- ✓ No ITAR
- ✓ Winner Innovation Award Pacific 2017
- ✓ 100% Australian Sovereign Capability



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