

MULTIPURPOSE USV

FOR UNMANNED MISSIONS

APPLICATIONS

- Designed for multipurpose projects in all types of seas and lakes, the USV has the capability to work 24/7 with one of the longest autonomy in its category,
- Payload client's needs oriented.

KEY FEATURES

- Up to 41 days autonomy,
- 3 tons bollard pull,
- Permanent remote control communication with the control center,
- Real time data retrieval,
- Several USVs can operate simultaneously,
- Containerizable,
- Up to 5 tons payload,
- Upgradable power generation.

BENEFITS

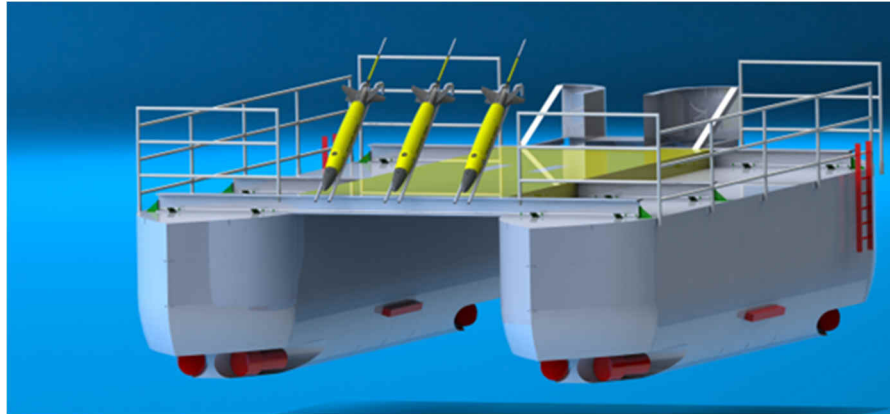
- Unmanned missions,
- High maintainability system by design:
Data clouding for preventive maintenance
Local supply chain from international partners
- Client's payload can be installed:
On dedicated central platform / hulls deck,
On the mast (cameras, radar, ...),
Located in the 2 moon pools inside hulls (ADCP, SONAR, USBL, Oceanographic sensors, ...)

SAFETY

- High level of redundancy,
- Iridium telecommunication for ultimate control and command,
- Robust design with survival capacity in extreme conditions.

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GENERAL SPECIFICATIONS

Overall size: L x l x H	10 x 6.60 x 2.30 m (bottom keel to deck)
Mast height	6 m
Draft	1 m full load
Weight	23 tons
Autonomy	41 days (subject to use and sea conditions)
Power	2 x 80 kW diesel electric generators (2 x 4,5 m ³ fuel)
Propulsion	8 x thrusters 15 kW
Bollard pull	3 tons
Sailing speed	Up to 10 knots
Compartment	2 hulls
Positioning	GNSS (PPP) with INS
Radio links	Iridium, 2.4 and 5 GHz, Satellite (depending on needs)
Others	AIS, RADAR, camera

CLIENT'S PAYLOAD OPTIONS

Central platform	2,30 x 7 m
Moon pool	2 (1/hull) Ø 50 cm
Dedicated power	30 kW