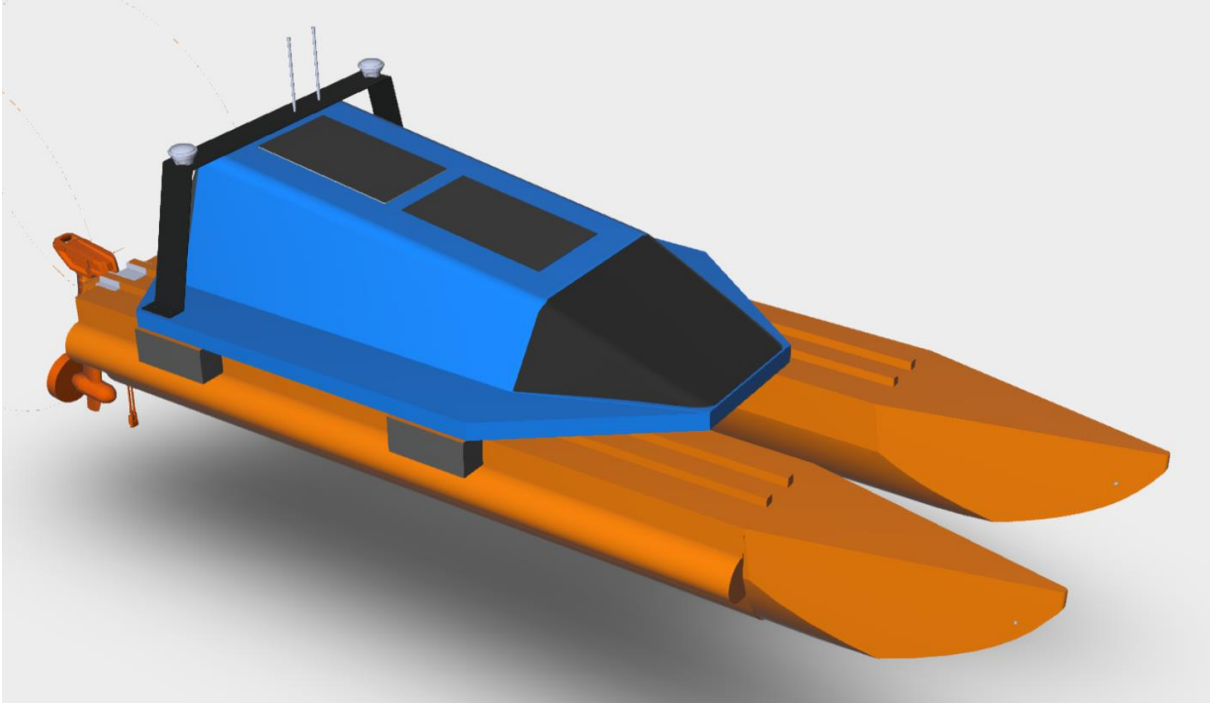


UNI-MAX

Unmanned Surface Vessel



Unique Group has developed The Uni-Max to complement larger survey vessels used for survey & support tasks where a smaller vehicle is better suited to missions.

It allows surveying in locations and situations in which deployment of conventional platforms is not practicable.

UNI-MAX

Unmanned Surface Vessel

The Uni-Max will feature 2 X Torqeedo Cruise 6.0RS Engines with Hydraulic Steering.

Addition of a Hybrid Power system for increased endurance, a Mesh Radio for a more robust data link & increased operational range.

KEY FEATURES

- Fully integrated & calibrated USV survey solution
- Radio control and data telemetry for remote operation
- Reconfigurable payload as per required application
- Ease of transport in a 20' container





UNI-MAX

Unmanned Surface Vessel

SPECIFICATIONS

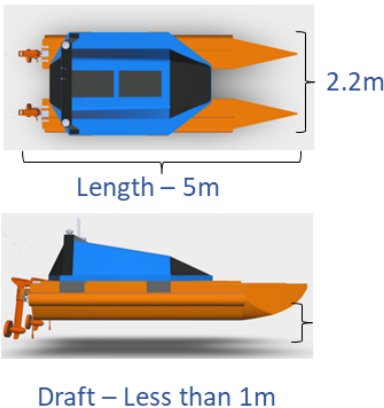
Length	5 m
Beam	2.2 m
Weight	1.2 Tons
Battery Endurance	96 hours (3-4 days)
Motor	2 X Cruise 6.0 engine
Hull Material	2 X LLDPE pontoon & marine grade Aluminum deck
Steering	Sea-Star Hydraulic steering
Ground Control Unit	S- band or (433MHz using Futaba controller)
Remote antenna	Omni directional
Remote range	5-8 Kms (Line of sight
GPS	Any survey grade GPS with NMEA output
Batteries used	1 X 24V 50Ah Li-ion battery
Speed	3-5 Knots



UNI-MAX

Unmanned Surface Vessel

DIMENSIONS



AUTOPILOT



DACS Autopilot

COMMUNICATION & TELEMETRY



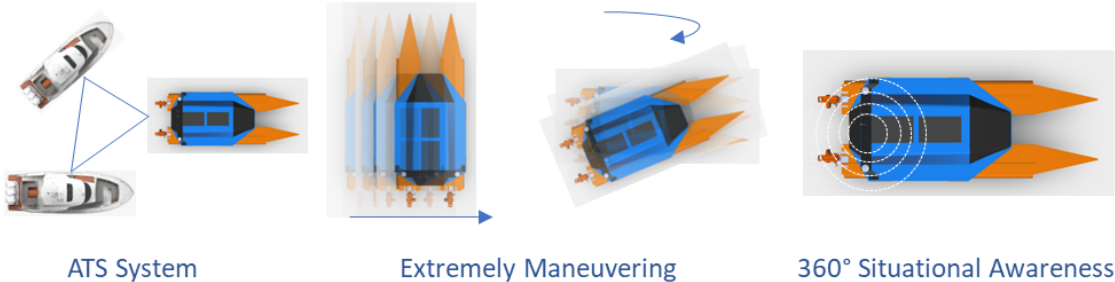
POWER



PROPULSION



ADDITIONAL FEATURES



Unique Group



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