

Uni-Explorer

Dual Hull Catamaran Survey Vessel

Vessel Specifications



OVERVIEW OF THE VESSEL

The Uni-Explorer is a lightweight survey catamaran engineered for shallow-water bathymetric and geophysical survey applications. Designed with efficiency and operator comfort in mind, it features an air-conditioned survey and navigation cabin that doubles as a dedicated workspace.

Equipped with an integrated A-frame for towing and sensor deployment, the Uni-Explorer offers ample deck space with a dedicated foundation for installing a compact side-scan winch. Inside, survey equipment racks provide

organized management of topside systems, while a gooseneck cable routing solution ensures seamless connectivity between the aft deck and onboard equipment.

KEY FEATURES

- > Catamaran with A Frame
- > Dedicated seats for 02 surveyors with working table
- > Side Pockets like Goose neck
- > Underwater pipe for supporting survey equipment
- > Cabin with toilet facility

APPLICATIONS

- Bathymetric & Geophysical Survey
- Metocean
- Environmental
- Small ROV operations
- USV support
- Diving support

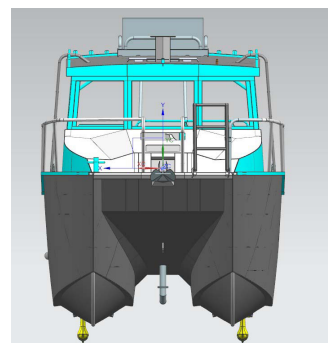
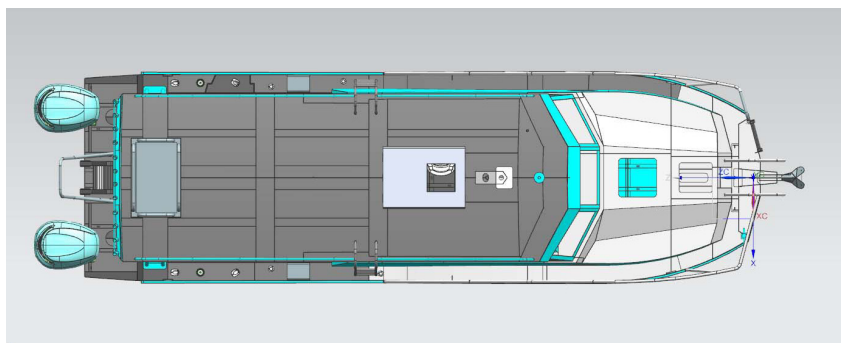
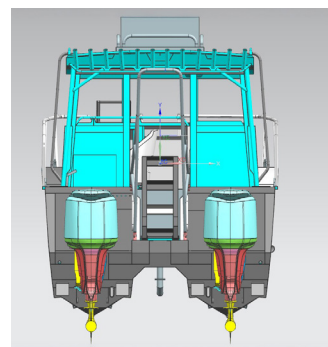
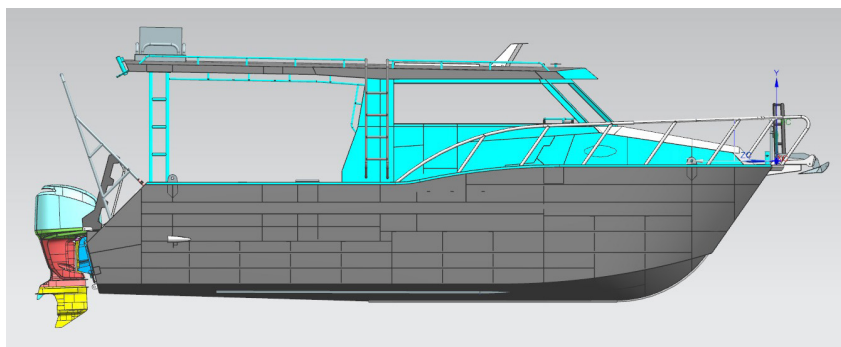
COMPATIBLE SURVEY AND POSITIONING EQUIPMENT

- Multibeam
- Sub-bottom Profiler
- Side scan Sonar
- Magnetometer
- Compact ROV
- Small grab samplers
- CTD and sampling equipment

DRAWINGS OF VESSELS

VESSEL TECHNICAL SPECIFICATIONS

Specification	Details
Length Overall (LOA)	9.17 m
Length at Waterline (LWL)	8.8 m
Beam	2.79 m
Draft (without payload)	0.47 m
Diesel Outboard D torque Engines	DTorque 50 Hp x 2
Maximum Speed	7 knots
Maximum Persons	5
Standards	CE
Fuel Capacity	400 L (for Diesel Outboard D torque Engines) and 54 L (for generator)
Generator	Paguro 8KW
Freshwater Capacity	200 L
Onboard Communications	VHF
Electrical Voltage	220V AC; 12V DC
VHF	Marine IC-M411
Navigation	Garmin 24xd with Garmin display GPSMAP1223xsv
Compass	Magnetic Compass (Yuqin)
Air Conditioning	AC 24000 BTU Unit
Toilet & Sink	Electric flush toilet and sink
Black Water Tank	100 L



Unique Group

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