

Marine Surveying Vessel



ABT Marine is a part of the **AquaBioTech Group**, and as an independent marine hydrographic survey firm, we offer a broad range of capabilities in survey, construction support, precise positioning and project management within the marine industry.



Principal Features

Vessel Type: Aluminium Catamaran
 Vessel use: Survey / Research
 Vessel Name: ISIS II
 Port of Registry: Valletta, Malta
 Length Overall: 8.47m
 Breadth Overall: 2.9 m
 Draft: 1.2 m
 Draft loaded: 1.5 m
 Speed Min: 3.0 kn
 Speed Max: 18.5 kn
 Range: 110nm
 Fuel Capacity: 800l
 Freshwater: 100l
 Crew: 2 min. – 5 max
 Callsign: 9HB2017
 Official Number: 12746
 Year Built: 2004
 Location: USA

A-Frame forward and aft



Suitable Uses

Geotechnical surveys (grabs, SBP)
 Geophysical surveys (pinger, boomer)
 Sidecan sonar surveys
 Swathe surveys
 Magnetometer investigations
 Bathymetric mapping
 Metocean equipment deployment
 Environmental surveys (trawling, benthic)
 ROV inspections (recoveries, filming)
 Hydrographic survey support
 Seabed Classification
 Resource Recovery
 Marine Heritage / Archaeological Services
 Positioning Services

Machinery & Control

2 x Yanmar 240hp each, continuous rated to Twin Disc gearboxes - single control station

Main Propulsion

2 x Propellers in fixed pitch

Generators

1 x Honda 3.5Kva 240Volts
 1 x Honda 6.5Kva 240Volts

Power Supplies

1 x 3.5Kva - 240Volts on deck
 1 x 6.5Kva - 240Volts on deck
 110V sockets in cabin

Safety Systems

6 x life jackets with lights x 2 with EPIRB
 1 x SART
 1 Pack offshore flares
 1 x 5 man Zodiac Life Raft
 2 x 2Kg Fire extinguisher
 1 x 1Kg Fire extinguisher
 2 x 1.5Kg Auto extinguishers for engine rooms

Consumption

Transit: 75l/h @ 17kn
 On survey: 24l/h @ 5.5kn

Navigational Equipment

Simrad radar.
 Robertson Autopilot
 Furuno colour echo sounder
 Garmin GPS with integrated AIS
 Trimble DGPS

External Communications

1 x ICOM DSC VHF
 1 x ICOM VHF
 1 x ICOM handheld VHF

Handling Facilities

1 x Deck Crane with electric cable winch
 2 x Windlass winches (1 bow & 1 stern)

