

MV Titan Discovery Alicat South Boat Catamaran



MV Titan Discovery was launched in January 2014. Both vessel and crew have a wide range of experience and expertise within the hydrographic, oceanographic and environmental industries.

The MV Titan Discovery has worked on numerous projects throughout Northern Europe.

MV Titan Discovery's shallow draft and ease of manoeuvrability ensure that she can work in the most challenging and shallow conditions.

Alongside a permanently installed Teledyne Reson SeaBat Dual Head T20-P multibeam system, she is also able to deploy a wide range of survey gear through a secondary moon pool, A-frame, side mount pole and Davit arms.

- Wealth of experience
- Multi-discipline
- Multiple equipment mounting options
- Grab sampling and mooring deployments
- Shallow draft
- Highly manoeuvrable



Vessel Details

Specifications

Type	Alicat South Boat Catamaran
MCA Coding	Category 2: 60 miles from a safe haven
Length	13m
Beam	5m
Draft	1.5m
Engines	2 X 570 EVO (530hp) IVECO FPT
Gen Sets	1 x 6kW Cummins Onan (Main) 1 x 6kW Lombardini (spare)
Speed	Up to 20kts dependant upon load
Fuel Capacity	2000 litres
Water Tanks	200 litres
Accommodation	4 x single berths, galley, head with shower
Endurance	12hrs—full crew (36hrs 4 crew)

Safety Equipment

- 2 x 8 man life raft Solas B pack with hydrostatic release
- Class B AIS system, NavTex and Raymarine navigation/radar package
- 2 x MCA approved life rings and over the side ladder
- 16 lifejackets (6 x 275N with AIS PLBs, 6 X 150N, 4 x Eval foam), 8 x immersion suits
- 4 x parachute flares, 6 x red hand flares, 2 x smoke
- 2 x fixed VHF GMDSS radios, 2 x portable handheld VHF, 1 X Lars Thrane Sat-Com system, 1 x 406 MHz EPIRB & 9.5GHz SART
- 4 x portable fire extinguishers, 1 x fire blanket & marine fire safety Statex engine bay fire detection and suppression system
- First aid kits category C

Survey Equipment

- QPS QINSy navigation software
- Odom Echotrac E20 dual frequency 10kHz—250kHz echosounder (hull mounted)
- Dual Head Teledyne Reson SeaBat T20-P multibeam echosounder - Permanently mounted on dedicated moonpool
- Applanix PosMV Wavemaster INS & Trimble SPS852 dual frequency RTK GPS receiver utilising AtlasLink H10 / VRSNow corrections. Hemisphere Crescent VS330 DGNS receiver
- Hydraulic A-frame with 1 tonne coax data winch with capstan, Side-mounted deployment arm, lifting davits
- Secondary moonpool for additional sensors
- Additional capacity for SBP, single/multi magnetometer array, drop down video, sediment sampling

Survey Experience

- Offshore Windfarm Surveys
- Cable route surveys / pipeline inspections
- IHO standard bathymetry surveys
- Dredging surveys
- UXO surveys
- Marine construction surveys
- Aggregate dredging surveys
- Oceanographic survey
- Environmental surveys



For more details please contact:

Email: info@titansurveys.com

Titan Environmental Surveys Limited

Orion House, Parc Crescent Waterton Industrial Estate, Bridgend, South Wales CF31 3BQ UK

www.titansurveys.com