MV Titan Discovery is Titan’s newest acquisition to their fleet. Launched in January 2014, both vessel and crew have a wide range of experience and expertise within the hydrographic, oceanographic and environmental industries.

The 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 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 and Davit arms.

- Multi-discipline
- Multiple equipment mounting operations
- Grab sampling and mooring deployments
- Shallow drafted
- Small and manoeuvrable
Vessel Details

Specifications

**Type**
Alicat South Boat 13m Catamaran

**MCA Coding**
Small Commercial Vessel (SCV):
60 miles from safe haven

**Length**
13m

**Beam**
5m

**Draft**
12m

**Engines**
Twin IVECO 450hp diesel engines, 2 x diesel
6kW Lombardini generators

**Transit Speed**
Up to 25 knots

**Fuel Capacity**
2000 litres

**Water Tanks**
200 litres

**Accommodation**
4 x single cabins, galley, head with shower

Survey Equipment

- Trimble HYDROpro navigation software
- Odom Ecotrak MKIII dual frequency (30kHz & 210kHz) echosounder (hull mounted)
- Teledyne Reson SeaBat dual head T20-P multibeam echosounder (deployed through central moonpool)
- Applanix PosMV Wavemaster Inertial Navigation system with POSPac MMS PPK software. Trimble SPS852 dual frequency RTK system utilising VRS Now. Hemisphere VSI10 DGPS receiver
- Hydraulic A-frame with 15 tonne single trawl drum winch with hard tow cable and cable counter
- Second moonpool available for a wide range of sensors

Safety Equipment

- 2 x 8 man Solas B pack life raft with hydrostatic release
- Class B AIS system, Navtex, Raymarine navigation package
- 2 MCA approved life rings with line and light emergency over the side ladder
- 18 Lifejackets (6 x 275N twin bladder with AIS PLB’s, 4 x Foam), 6 offshore immersion suits
- 4 x parachute flares, 6 x red hand flares, 2 x smoke signals
- 2 x fixed VHF GMDSS radios, 2 x portable handheld VHF & 406 MHz EPIRB
- 4 x portable fire extinguishers, 2 x fire buckets and lanyards, fire blanket & marine fire safety Statex engine bay fire detection and suppression system
- Category C First Aid Kits
- Remotely operated searchlight
- Hydraulic powered deck wash
- All crew are trained to STCW 95 standard

Titan’s Survey Experience

- Cable route surveys
- IHO standard bathymetry surveys
- UXO surveys
- Pipeline inspection surveys
- Marine construction surveys
- Aggregate dredging surveys
- Oceanographic surveys
- Environmental surveys

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