



# SPECTRUM 2

## 21 m Crew Transfer/Survey Vessel

### GENERAL SPECIFICATIONS

**Structure:** Aluminium

**Superstructure:** Resilient-mounted

**Builder:** Alicat

**Built:** 2013

**Length Overall:** 21.30 m

**Beam:** 7.66 m

**Draft:** 1.10 m

**MMSI:** 235097363

**Call Sign:** 2GHE5

**Flag:** UK

**Code:** MCA Workboat Code

**Category:** 2

**Capacity:** 12 passengers, 3 crew

# DETAILED SPECIFICATIONS

## Capacities

**Fuel Oil:** 8,500 L  
**Fresh Water:** 1,000 L  
**Black Water:** 500 L  
**Free Work Deck Area:** 62 m<sup>2</sup>  
**Max. Deck Load:** 1.5t/m<sup>2</sup>  
**Total Deck Cargo:** 7 tonne

## Performance

**Speed (Max.):** 30 knots  
**Speed (High):** 26 knots  
**Speed (Cruising):** 22 knots

## Propulsion System

**Engines:** 2 x MAN D2862  
**Total Power:** 2,800 HP  
**Gearbox:** ZF3000 Series  
**Propulsion:** 2 x Rolls-Royce FF550

## Electrical Power

**Network:** 24v DC, 230V 50Hz AC  
**Generator:** 1 x 17.5kW Cummins

## Deck Machinery

**Anchor:** 1 x 80kg SHHP with chainline  
**Anchor Winch:** AAW-100 Winch  
**Bow Fender:** RG Seasight T & D Fendering  
**MOB Recovery:** Ship-mounted davit  
**A-Frame:** 1-tonne lift  
**Deck Plate:** Aft deck winch mount  
**Crane:** Palfinger PK4501M Starboard Foredeck  
**Miscellaneous:** Pressure Washer

## Accommodation

**Saloon Seats:** 12  
**Bridge Seats:** 2  
**Toilet:** 1  
**Saloon:** Galley & Mess Area



# SPECTRUM 2



## Life Saving Equipment

**Life buoys:** 2  
**Life rafts:** 2 x 16 persons  
**Fire fighting:** Stat-X & Portable Extinguishers

## Search & Rescue Equipment

**Bridge Navigation:** Olex & Furuno  
**SART:** Jotron  
**EPIRB:** Jotron  
**Direction Finder:** Taiyo  
**Search Lights:** Jabsco

## I.T. Equipment

**Desk:** 2 x desktop workstations  
**Monitors:** 8 monitors  
**Server Cabinet:** 36U, 19-inch rack  
**CCTV:** Various deck, engine room & internal

## Survey Equipment

**Positioning & Motion:** Applanix POSMV Wavemaster  
**Multibeam Echosounder:** Teledyne Reson T-50  
**Sound Velocity Probe:** Valeport SWIFT  
**Sub-bottom Profiler:** Innomar Medium-100  
**Magnetometer:** Geometrics G-882  
**Side Scan Sonar:** Edgetech 4200 HF  
**Environmental:** Grab Sampling & Drop-Down Video  
**Metocean:** Wave buoy/tide gauge deployment & recovery  
**ROV:** Various options can be mobilised



The Stable, The Cattleyard  
Manston, Ramsgate CT12 5FQ

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