



# SPECTRUM 3

23 m Crew Transfer/Survey Vessel



## GENERAL SPECIFICATIONS

**Structure:** Aluminium

**Superstructure:** Aluminium

**Builder:** Alicat

**Built:** 2015

**Length Overall:** 23.3 m

**Beam:** 6.4 m

**Draft:** 1.9 m

**IMO:** 9609603

**MMSI:** 235082698

**Call Sign:** 2DXB6

**Flag:** UK

**Code:** Bureau Veritas

**Category:** 2

**Capacity:** 12 passengers, 2 crew

# DETAILED SPECIFICATIONS

## Capacities

**Fuel Oil:** 9000 L  
**Fresh Water:** 1000 L  
**Black Water:** 500 L  
**Total Deck Cargo:** 8 Tonne

## Performance

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

## Propulsion System

**Engines:** 2 x cat C32  
**Total Power:** 2,900 HP  
**Gearbox:** MIT MGX  
**Propulsion:** 2 x Fixed Pitch Prop

## Electrical Power

**Network:** 24v DC, 230V 50Hz AC  
**Generator:** 2 x Cummins Onan 13.5 kVa

## Deck Machinery

**Anchor:** 1  
**Anchor Winch:** AAW-100 Winch  
**Bow Fender:** RG Seasight T & D Fendering  
**MOB Recovery:** Ship-mounted davit  
**Crane:** HS Marine AK 7 NE2

## Accommodation

**Saloon Seats:** 12  
**Bridge Seats:** 4  
**Toilet:** 1  
**Saloon:** Galley & Mess Area



# SPECTRUM 3



## Life Saving Equipment

**Life buoys:** 4  
**Life rafts:** 2 x 16 persons  
**Fire fighting:** Stat-X & Portable Extinguishers

## Search & Rescue Equipment

**Bridge Navigation:** Ray Marine, Simrad, Furuno  
**SART:** Jotron  
**EPIRB:** Jotron  
**Direction Finder:** Taiyo  
**Search Lights:** Jabsco

## I.T. Equipment

**Desk:** 2 x desktop workstations  
**Monitors:** 6 monitors  
**Server Cabinet:** 36U, 19-inch rack  
**CCTV:** Various deck & internal

## Survey Equipment

**Positioning & Motion:** Applanix POSMV Wavemaster  
**Multibeam Echosounder:** Teledyne T50 R  
**Sound Velocity Probe:** Valeport SWIFT  
**Sub-bottom Profiler:** Innomar Medium-100  
**Magnetometer:** Geometrics G-882  
**Side Scan Sonar:** Edgetech 4200/4125  
**Environmental:** Grab Sampling & Drop-Down Video  
**Metocean:** Wave buoy/tide gauge deployment & recovery  
**ROV:** Various options can be mobilised



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