MPI Don Quixote
20m Alloy Catamaran

Multi-purpose, shallow-draft symmetrically hulled catamaran with raised wheelhouse giving excellent visibility above forward cargo.

Twin MAN 1,100hp engines and water-jet propulsion provide excellent manoeuvrability, good performance (22kn) and low fuel consumption (260l/hr) of the mould-breaking 20m vessel. The layout suits various operational roles, offering a large aft deck with moon pool which makes her suitable for crew transfer, survey and diving duties.

2m significant wave transfer capability ideal for Round 1-2 sites.

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### General Information

20m Alloy Catamaran

**Builder**
- South Boats Special Projects Ltd

**Year of Build**
- 2009

**Construction**
- Marine Grade Aluminium

**Length OA**
- 20m

**Beam OA**
- 8m

**Draft**
- 1.2m

**Tonnage**
- 45 tonnes

**FWD Deck Space**
- 13.9m²

**AFT Deck Space**
- 45.90m²

**Cargo**
- 10 tonnes

**Registration**
- UK Registry of Shipping & Seamen

**Reg. Port**
- Middlesbrough

**Certification**
- UK Maritime & Coastguard Agency
- Small Commercial Vessel Certificate
  - Category 2, 60nm from safe haven
  - 12 px & up to 3 crew

**Machinery**
- Twin MAN D2842 LE410
  - 1,100hp @ 2,100rpm
- Twin Disc MGX 5147 SC
  - 1.48:1 reduction
- Twin Ultra Dynamics U/575 Water-Jets
- ONAN MDKBL
  - 17.5kW, 50Hz @ 1,500rpm

**Service Speed**
- 22kn

**Service Fuel Use**
- 2600hr Total

**Fuel Capacity**
- 10,000l

**Endurance**
- 38hrs @ 23kn, 800nm

**Official Number**
- 916226

**Call Sign**
- 2BSQ4

**MMSI**
- 235068993

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### Detailed Information

20m Alloy Catamaran

**Deck Equipment**
- Palfinger PK1000M fully folding knuckle boom crane remote control
- Hercules 1 tonne Hydraulic Capstan
- Hercules hydraulic salt water pressure washer
- Salt & fresh water deck wash systems
- Load tested cargo lashing eyes

**Nav & Comms**
- Navcea Professional Integrated Chart Plotter (24V PC)
- ARPA & AIS Options, 30 Target Auto Tracking
- Furuno M1944 Black Box Radar
- Furuno Integrated Navtex & Weather Fax Receiver
- Furuno GP-120 GPS System
- Furuno FA-150 Class A AIS Transceiver
- Furuno SC-50 Satellite Gyro Compass
- Simrad APS Auto Pilot System
- 2 x Sailor RT5022 Class A GMDSS VHF Radios
- Furuno LH-3000 Loud Hailer
- Sailor Fleet Broadband 500 Sat Com System
- Taiyo Musen TDL1550 VHF Direction Finder & MDB
- Phontech 6 x Station Intercom System
- 10 x Camera CCTV System /w Black Box Recorder & Playback
- 2 x Jotron TRON SART
- 2 x Jotron TRON 406 FBS EPIRB
- 2 hand-held VHF plus spare batteries

**Passenger Facilities**
- 12 crew seats - arm rests, head rests & lap belts
- L-shaped upholstered settee
- Wind turbine generator, dedicated stores racking
- Hot water boiler, microwave, hob, fridge, hot & cold water
- Facilities for entertainment system
- Toilet, shower & wash basin
- Air-conditioned bridge and passenger lounge
- 2 x twin ensuite cabins

**Tankage**
- Fuel 10,000 litres
- Fresh Water 780 litres
- Black Water 305 litres
- Hydraulics 75 litres

**Features**
- Globe Surfer 3G wireless internet (email & internet)
- 1,000mm x 790mm moon pool hatch
- Removeable stern gate for cargo loading & survey
- Large aft deck for cargo and dive-support duties
- Large stable platform for accurate surveys
- Hercules fuel transfer system

**Version 1.0 - August 2014**