



MPI Don Quixote

(20m Alloy Catamaran)

Built in 2009, this 20m Wind Farm Service Vessel is currently the largest vessel in the MPI Workboat fleet.

Designed for all kinds of construction and O&M requirements where sea conditions are at their harshest. The vessel combines the ability to transfer passengers in higher sea states with a high level of crew comfort.

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General Information

MPI Don Quixote

Builder	South Boats Special Projects Ltd. South Catamaran 20m WFSV
Year of Build	2009
Build No	SCC-010
Construction	Marine Grade Aluminium
Length OA	20.6 m
Beam OA	8.0 m
Draft	1.2 m
Tonnage	45 tonnes
FWD Deck space	13.9m ²
AFT Deck space	32.74m ²
Cargo	10 tonnes
MMSI.	235068993
Call Sign.	2BSQ4
Registration	916226 UK Register of Shipping & Seaman
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 1100hp @ 2100 RPM Twin Disc MGX 5147 SC 1.48:1 reduction Twin Ultra Dynamics UJ575 Water Jets ONAN MDKBL 17.5kW, 50Hz @ 1500 RPM
Service Speed	23.0 Knots
Service Fuel Use	260 Ltrs/Hr Total
Fuel Capacity	10,000 Ltrs
Endurance	38 Hrs @ 23.0 Knots, 800nm

Detailed Information

20m Alloy Catamaran

Deck Equipment	Palfinger PK10000M Fully Folding Knuckle Boom Crane Remote Control Hercules 1 tonne Hydraulic Capstan Hercules Hydraulic Salt Water Pressure Washer South Boats Mk1 Bow Loading Platform® Salt & Fresh Water Deck Wash Systems Load tested cargo lashing eyes.
Nav & Comms	Maxsea Professional Integrated Chart Plotter (24V PC) JRC JMA5210-6 Black Box Radar System (72" Open Scanner) 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 AP50 Auto Pilot System 2 x Sailor RT5022 Class A GMDSS VHF Radio's Sailor Fleet Broadband 500 Sat Com System Taiyo Musen TDL1550 VHF Direction Finder & MOB Phontech 6 x Station Intercom System 10 x Camera CCTV System c/w Black Box Recorder & Playback 2 x Jotron TROM SART 1 x Jotron TRON 405 FB5 EPIRB
Passenger Facilities	12 Crew Seats, Arm Rests, Head Rest & 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) 1000mm 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

