



# MPI Dulcinea

(17m Alloy Catamaran)

*Built in 2011, this 17m wind farm service vessel was the sixth addition to the MPI workboat fleet.*

Designed specially for MPI Workboats Ltd, this is a radical development of our existing models. To cover a multiplicity of roles demanded by wind farm requirements.

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# General Information

MPI Dulcinea

<b>Builder</b>	South Boats Special Projects Ltd South Catamaran 17m WFSV
<b>Year of Build</b>	2011
<b>Build No.</b>	SCC-028
<b>Construction</b>	Marine Grade Aluminium
<b>Length OA</b>	17.5 m
<b>Beam OA</b>	6.4 m
<b>Draft</b>	1.0 m
<b>Tonnage</b>	38 tonnes
<b>FWD Deck space</b>	19m <sup>2</sup>
<b>AFT Deck space</b>	24m <sup>2</sup>
<b>Cargo</b>	8 tonnes
<b>MMSI.</b>	235084467
<b>Call Sign.</b>	2EE89
<b>Registration</b>	UK Register of Shipping & Seaman
<b>Reg. Port</b>	Middlesbrough
<b>Certification</b>	UK Maritime & Coastguard Agency Small Commercial Vessel Certificate Category 2, 60nm from safe haven, 12 px, up to 3 crew
<b>Machinery</b>	Twin Scania DI 16 43M 800hp @ 2100RPM Twin Disc MGX 5145 SC 1.28:1 reduction Twin Ultra Dynamics UJ452 Water Jets ONAN MDKBM 9.5kW, 50Hz @ 1500 RPM
<b>Service Speed</b>	25 Knots
<b>Service Fuel Use</b>	200 l/Hr Total
<b>Fuel Capacity</b>	3640 Ltrs
<b>Endurance</b>	18 Hrs @ 22.0 Knots, 400nm



# Detailed Information

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<b>Deck Equipment</b>	Palfinger PK4501M Fully Folding Knuckle Boom Crane Hercules 1 tonne Hydraulic Capstan South Boats MkV Bow Loading Platform® Salt and fresh water deck wash system Hydraulic pressure wash system Hydraulic fire pump
<b>Nav &amp; Comms</b>	Furuno NavNet 3D black box processors. Integrated radar, chart plotter, video sounder and CCTV C-MAP Charting, ARPA, PAL & AIS Options Furuno Integrated GPS Receiver Furuno GP-120 GPS System Furuno FA-150 Class A AIS Transceiver Furuno SC-50 Satellite Gyro Compass Furuno Nav-Pilot 500 Auto Pilot 2 x Sailor RT5022 Class A GMDSS VHF Radio's Furuno LH-3000 Loadhailer Taiyo Musen TDL1550 VHF Direction Finder & MOB 6 Camera CCTV System c/w Black Box Recorder 2 x Jotron TROM SART 1 x Jotron TRON 405 FB5 EPIRB ICOM F6063 UHF Radio
<b>Passenger Facilities</b>	12 x KAB514 Crew Seats c/w Arm Rests, Head Rest Air Conditioned Passenger Lounge Hot Water Boiler, Microwave, Hob, Fridge Facilities for Entertainment System Storage Under Seats Toilet, Shower & Wash Basin
<b>Tankage</b>	Fuel 3,640 Litres plus 1000 Ltrs. Fresh Water 215 Litres Black Water 80 Litres Hydraulics 75 Litres
<b>Features</b>	Globe Surfer 3G Wireless Internet (Email & Internet) Hercules fuel transfer system - suction from tanks (3.5m <sup>3</sup> /h x 8 bar) 40m Head pump and 40m hose reel fixed Beta Marine 6TWGM 125.5kw with 142kva 3 phase 60v 4 star delta transformer Removable stern gate for loading and survey Isolated air intakes for noise reduction Large forward deck for cargo

