

MPI Trifaldi

19m Alloy Catamaran

Multi-purpose, shallow-draft hulled catamaran. Twin MAN 1,200hp engines and water-jet propulsion provide excellent performance (24kn) and low fuel consumption (260l/hr).

The superstructure is attached with A/V mounts to minimise noise and vibration within the passenger saloon and reduce the fatigue of crew and technicians. The vessel configuration suits construction and O&M roles, with a large forward working deck and crane for self-loading from quay.

The vessels are fitted with a 690V 148kVa 4 star delta generator/transformer set particularly suited to construction and commissioning roles.

1.8m significant wave transfer capability ideal for Round 1-2 sites.



General Information

19m Alloy Catamaran

Builder	South Boats Special Projects Ltd
Year of Build	2014
Construction	Marine Grade Aluminium
Length OA	19m
Beam OA	7.25m
Draft	1.2m
Tonnage	40 tonnes
FWD Deck Space	28m ²
AFT Deck Space	19m ²
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 12px, up to 3 crew
Machinery	Twin MAN D2862 LE432 1,200hp @ 2,100rpm Twin ZF 2050 Series 1:765:1 Reduction Twin Rolls Royce FF600 Water-Jets ONAN MDKBN 13.5kW, 50Hz @ 1,500rpm
Service Speed	24kn
Service Fuel Use	260/hr Total
Fuel Capacity	6,000l
Endurance	15hrs @ 22kn, 350nm
Official Number	919940
Call Sign	2HFK6
MMSI	235103214

Detailed Information

19m Alloy Catamaran

Deck Equipment	Palfinger PK4501M fully folding knuckle boom crane Full height deck store and below deck store space Salt & fresh water deck wash systems Hydraulic pressure washer system Anchor winch
Nav & Comms	2 x Furuno Navnet 3D Black Box Processors - with ARPA and PAL options Furuno DFF1 Network Sounder Furuno FAX30 Weatherfax Furuno Integrated GPS Receiver Furuno GP-33 GPS System Furuno FA-150 Class A AIS Transceiver Furuno SC-50 Satellite Gyro Compass Simrad AP50 Auto Pilot 2 x Sailor RT6222 Class A GMDSS VHF Radios Furuno LH-3000 Loud Hailer Taiyo Musen TDL1550 VHF Direction Finder & MOB 8 x Camera CCTV System c/w Black Box Recorder 2 x Jotron TRON hand-held VHF Radios 2 x Jotron TROM SART Jotron TRON 405 FB5 EPIRB
Passenger Facilities	12 x crew seats - arm rests, head rests Air-conditioned passenger lounge Hot water boiler, microwave, hob, fridge 2 x LG 22" TVs Storage under seats Toilet, shower & wash basin
Tankage	Fuel 6,000 litres Fresh Water 200 litres Black Water 80 litres Hydraulics 75 litres
Features	Globe Surfer 3G wireless internet (email & internet) Hercules fuel transfer system - suction from tanks (3.5m ³ /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 and stern deck for cargo

