



MMS
SHIP REPAIR • OFFSHORE • WORKBOATS

Crusader

Available for Charter



25 metre offshore wind farm support vessel

The MMS Crusader is the first in a series of aluminium catamarans that have been purpose-built to support the offshore renewable energy sector during the initial installation, operation and maintenance phases.

The vessel is classed to DNV-GL R1 Notation and has been designed as a multi-purpose high speed catamaran, capable of carrying out a multitude of roles. The deck area of 80m² is capable of carrying 2 x 20ft or 4 x 10ft containers (total weight of 16 tonnes), which proves ideal for use as a general supply vessel. MMS can provide additional accommodation, if required, housed in purpose built portable deck containers.

The vessel's 16,200 litre integral fuel tanks have the capability of transferring fuel to offshore turbines with a retractable hose and nozzle. Included in the starboard hull is a general engineering workshop for carrying out maintenance while offshore.

The 12 person passenger seating can be reconfigured to suit the client's requirements. In addition, the forward facing door in the lounge allows quick access across the deck to the designated turbine boarding gate.

Role Capability

- Supply vessel
- Fuel transfer
- Survey work
- Dive support
- Crew transfer
- Guard work
- ROV deployment
- Cleaning monopiles
- Mobile workshop
- Lubricant exchange

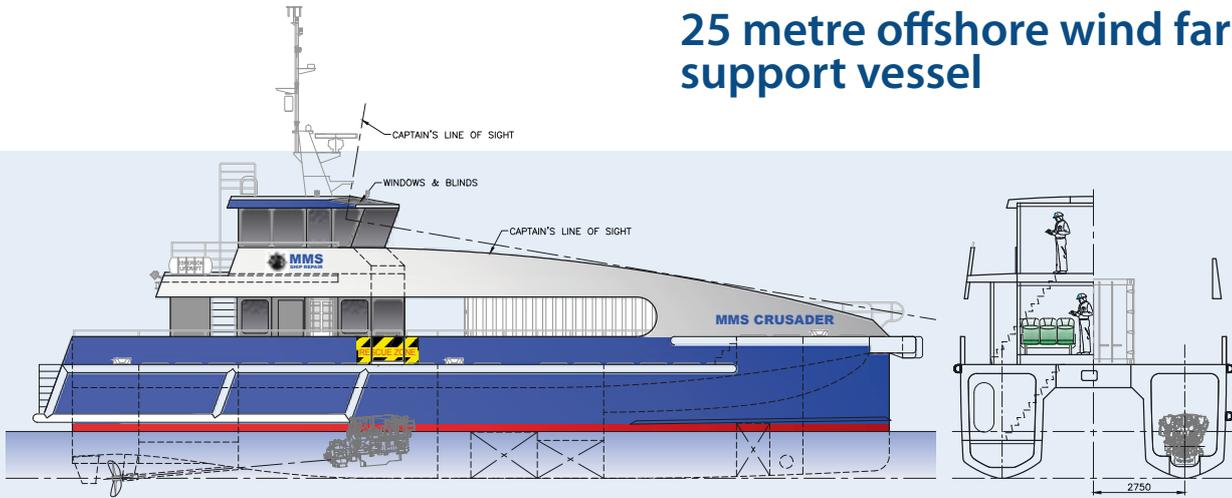




MMS Crusader

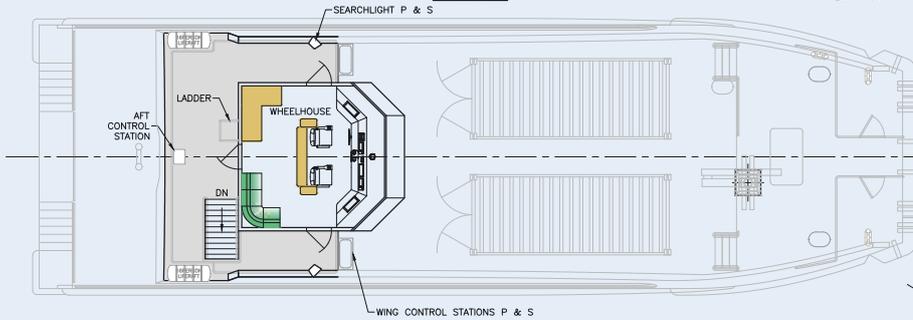
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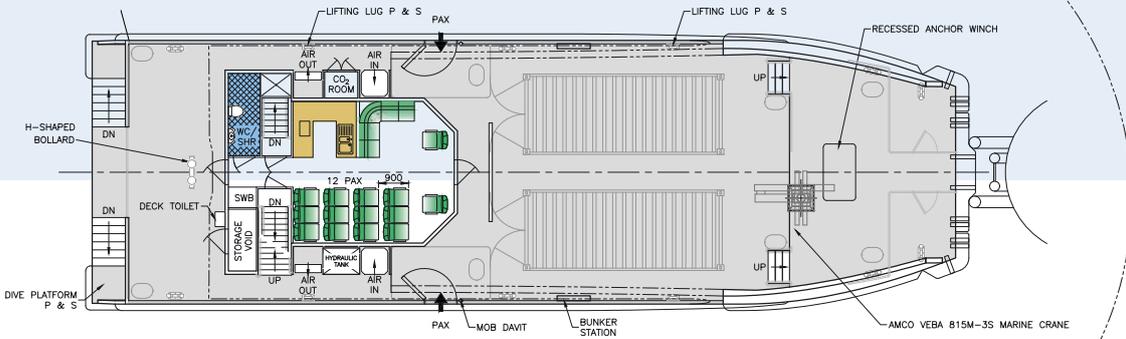


PROFILE

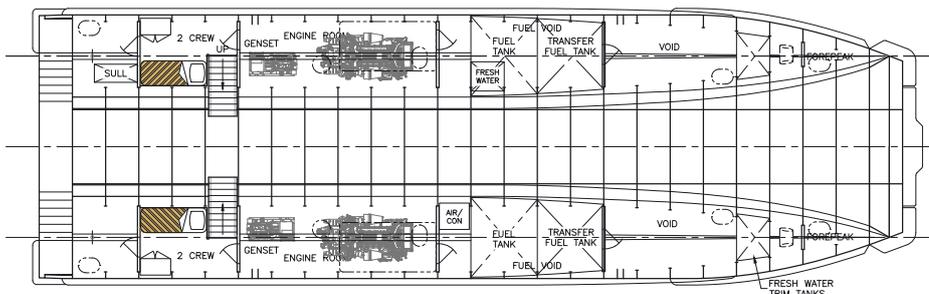
TYPICAL SECTION



WHEELHOUSE DECK



HULL PLAN



Specification

- Length: 25.20m
- Beam: 8.00m
- Draft laden: 1.985m
- Keel to mast height: 12.5m
- Weight: Gross Tonnage 89.68 tonnes
- Service Speed: 23 knots
- Certification: DNV-GL + IAHSILC RI
- Fuel tank capacity: 16,200 litres/ 3,563 gallons
- Freshwater: 800 litres
- Waste: 1,000 litres
- Forward Deck: 80m²
- Container Capacity: 4 x 10ft/2 x 20ft
- Cargo Load: 16 tonnes
- Pad Loading: 3 tonnes/m²

High Speed Support Vessel.

The MMS Crusader is classed to **DNV-GL with R1 Notation.**

General

- Builder: MMS Ship Repair and Dry Dock Co Ltd
- Design: Incat Crowther
- Capacity: 12 passengers, 4 crew
- Construction: Aluminium
- Wind farm service and cat 1
- Flag: UK

Deck Equipment:

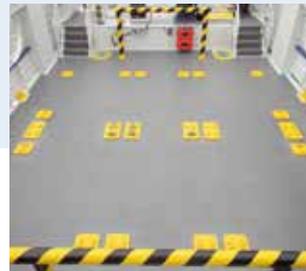
- Fuel Transfer System: Pressure
- High Pressure salt or fresh water jetting units
- 4 x 10ft or 2 x 20ft container mounts
- Crane: Knuckle boom capacity:
 - 2.5 mts 5,100kg
 - 10.16 mts 1,180kg
- Multiple lashing points

Welfare:

- Modular Interior
- Crash-tested suspension seats
- Cooking facilities in well-appointed galley
- 2 crew cabin: toilet and shower
- Fridges, freezer, washer/dryer

Entertainment:

- FM Radio
- 2 x LCD TV
- KUH Tracvision Satellite TV
- DVD Player
- Wireless 3G Network
- High Speed Satellite Internet VSAT
- Intellian i4 System



Main Engines:

- 2 x Caterpillar C32 1300 Hp

Generators:

- 2 x Caterpillar 22.5 Kw

Bow Thrusters:

- 2 x 40 Hp

Electronic Equipment

- Main Radar: Furuno 2817 BB
- 4ft Open Array 12 Kw
- Second Radar: Raymarine
- 4ft Open Array
- Multifunction Glass Bridge display
- Plotter/Touchscreen
- ECDIS: Navmaster 1200
- Navtex: Furuno GP150
- DGPS: Furuno GP150
- Anemometer: Furuno RO33
- Speedlog: Walker 4020
- VHF/DSC: 2 x Sailor 6222 Class A
- MF/HF: Sailor 6310 150W Class A
- UAIS: Furuno FA150 Class A
- Magnetic Compass: C&P Type 21
- Heading: Hemisphere V103
- Broadband: Globesurfer 111
- Satcom Broadband: KVH Tracphone VSSAT
- Phone Tech 3100 System
- Talkback 8 positions
- Foghorn: E150 Magnetic Horn with Automatic control unit

SAR Equipment:

- 1 x Seamarshall SAR Finder
- 1 x McMurdo E5 EPIRB
- 2 x S5 Smart find SARTS
- 3 x Handheld VHF Radios
- FLIR Thermal Imaging Camera
- 1 x Survitec Personnel Recovery Device
- 1 x SB Rescue Sling
- 1 x Defibrillator: Heartstart Phillips
- 25m DNUGL HSLC



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MMS Offshore Renewable Services is a fully ISM approved vessel operator.



Certificate Number 7700
ISO 9001
ISO 14001

For further information please contact:

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