



Name of Vessel;

CM Jet 1

Port of Registry / Flag;

Aktau / Kazakhstan

IMO # / MMSI

9001679 / 436000046

Year of Delivery

1991

Type

High Speed Passenger Catamaran.

Built by FBM Marine Ltd, Cowes, Isles of Wight, UK.

Classification

RMRS KM*(2) HSC Passenger-A (Coastal Waters)

Length over all (LOA)

32.50m (27.5BP)

Breadth / Depth / Draft (Light/Max)

8.34m / 3.02m / 1.090m / 1.226m

GRT / NRT / DWT / Light Ship

168T / 57T / 17.89T / 77.36T

Speed Max / Service

35.0 knots / 32.5 Knots

Passenger Capacity

127 in present configuration. Passenger areas fitted with full air conditioning and heating system.

Endurance

190 Nautical Miles @ 100% MRC or 210 Nautical Miles @ 85% MCR Service Speed.

Lifesaving

To meet SOLAS requirements

Fire Fighting

To meet SOLAS requirements

Fuel

3.9m³

Fresh Water

1.1m³

Treated Sewage Holding Tank

0.541m³

Sewage System

Lonne Jets Vacuumator System complete with 0.541m³ Holding Tank.

Sewage Transfer Pump

Pedrollo PRO-NGA 1A/B. 0.75kW, 3m³/hour @ 20m pumping head.

Main Engines

2 x MTU 12V 396 TE84 High Speed, twelve cylinder diesel engines producing 2720kW (3647bhp) total @ 1940 rpm.

Generators

2 x 59kW (79bhp) Iveco Aifo S.P.A. 8045M 08 drive engines coupled to Stamford Newage UC M 224D2, 40kVA (32kW), 50Hz, 3~, 380v, 0.8 pf @ 1500 rpm.

M.E. Consumption

MGO 350 litres/hour at 100% MCR. 8 litres lube oil per 24 hours @ full power.

Generator Consumption

100 litres MGO and 1 litres lube oil per 24 hr

Propulsion

2 x MJP J650R-DD Water Jet units. 2 x ZF BU465 reduction gear boxes with back flush facility. Water Jet Control Hydraulic Pump. Sauer Sundstrand FW1708. 0.37kW, 1~, 230v.

Steering System

Styr-Kontrell-Teknik computerized single joystick control.

Air Compressor

2 x Fiat Italia working air compressors. 10 Bar, 15m³/hr @ 1240rpm.

Fire Pump

2 X AM 500. 5.5kW, 8m³/hour @ 33m pumping head.

Bilge Pump

Robusta 200TC 0.75kW, 8.3m³/hour @ 6.3m pumping head.

Anchor Windlass

Single Manual type anchor winch.

Anchor

1 x 50kg Danforth High Holding Power Anchor.

Anchor Chain

1 x 10m of 16mm of short link chain in combination with 100m of 38mm Ø Nylon Multiplat.

Navigation Equipment

Radar 1: Furuno FR-1500

Radar 2: Simrad

Magnetic Compass: Sestrel

Echo Sounder: Furuno FE-700

GPS: Furuno GP-80

Radio Communication Equipment:

GMDSS Sailor 5000 series includes:

1x SSB Sailor 5150 150/250W

2 x VHF Sailor RT5022 25W

2 x Inmarsat-C T&T 3000

1 x SASS built in INM-C

1 x LRIT built in INM-C

2 x SART Jotrun Tron Sart 20

1 x EPIRB Jotrun Tron 40 MK II

1 x UAIS McMurdo M2

3 x Portable VHF Sailor VHF Radios SP 3520

Other Equipment

1 x Anemometer - HCT

1x Navtex - Furuno NX-700

1x Airband Radio - Icom IC-A6E

P.A. System

Horn Signal, Barometer HCT,

Fleetbroadband 150

2 x Portable VHF Floating HX 100

Navgard System, H2S System, Drager

Sat Phone, Cobham, Regard 2400

