



<b>Builder</b>	FBM Marine Ltd, Cowes, Isle of Wight, UK
<b>Type</b>	Solent Class Catamaran
<b>Year Built</b>	1991
<b>Service Speed</b>	33.5 knots @ 85% MCR
<b>Crew</b>	3 (max 6)
<b>Passenger Capacity</b>	138 seated
<b>Dimensions</b>	
Length Overall	32.5m, Breadth moulded - 8.40m,
Draught (loaded)	1.10m, Gross tonnage - 168t, Net tonnage - 57t,
Deadweight	12.88t, Displacement - 72.0t
<b>Main Machinery</b>	
Main Engines	2 x MTU 12V 396TE84 turbo diesels each developing 1,360Kw at 1,940 rpm.
Propulsion	2 x MJP J650R-DD waterjets driven via ZFBU465 gearboxes.
Steering	Styr-Kontrell-Teknik computerised system
<b>Auxiliary Machinery</b>	
	2 x 4 cylinder Kohler 12.5CCFO 4JHLT-K diesel generators developing 12.5Kw at 1,500 rpm, 240v 50Hz, single phase
<b>Tank Capacities</b>	Fuel Oil - 1,600l.      Fresh Water - 250l
<b>Navigational Equipment</b>	
Radar	1 x Furuno FR1505 dual display
Echo Sounder	1 x Walker 4040 Log
Radio Telephone	1 x Furuno FN2510 VHF Set
Electronic Chart	1 x Traanas Electronic Chart Plotter
<b>Life Saving Equipment</b>	
3 x Inflatable RFD Life rafts	
144 x Life jackets for persons > 32Kg in weight	
40 x Life jackets for persons < 32Kg in weight	
<b>Registered No.</b>	Red Jet 1 - 719584      Registered in the UK
<b>Classification</b>	DnV + 1A1 R15 E0
<b>Survey</b>	UK DTp Class IV
<b>Route</b>	Southampton / West Cowes (IOW)
<b>Mean Crossing Time</b>	22 minutes

<b>Builder</b>	FBM Marine Ltd, Cowes, Isle of Wight, UK
<b>Type</b>	Solent Class Catamaran
<b>Year Built</b>	1991
<b>Service Speed</b>	33.5 knots @ 85% MCR
<b>Crew</b>	3 (max 6)
<b>Passenger Capacity</b>	138 seated



**Dimensions**

Length Overall	32.5m, Breadth moulded - 8.40m,
Draught (loaded)	1.10m, Gross tonnage - 168t, Net tonnage - 57t,
Deadweight	12.88t, Displacement - 72.0t

**Main Machinery**

Main Engines	2 x MTU 12V 396TE84 turbo diesels each developing 1,360Kw at 1,940 rpm.
Propulsion	2 x MJP J650R-DD waterjets driven via ZFBU465 gearboxes.
Steering	Styr-Kontrell-Teknik computerised system

**Auxiliary Machinery**

2 x 4 cylinder Kohler 12.5CCFO 4JHLT-K diesel generators developing 12.5Kw at 1,500 rpm, 240v 50Hz, single phase

<b>Tank Capacities</b>	Fuel Oil - 1,600l.    Fresh Water - 250l
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**Navigational Equipment**

Radar	1 x Furuno FR1505 dual display
Echo Sounder	1 x Walker 4040 Log
Radio Telephone	1 x Furuno FN2510 VHF Set
Electronic Chart	1 x Traanas Electronic Chart Plotter

**Life Saving Equipment**

3 x Inflatable RFD Life rafts  
144 x Life jackets for persons > 32Kg in weight  
40 x Life jackets for persons < 32Kg in weight

<b>Registered No.</b>	Red Jet 2 - 721064    Registered in the UK
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<b>Classification</b>	DnV + 1A1 R15 E0
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<b>Survey</b>	UK DTp Class IV
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<b>Route</b>	Southampton / West Cowes (IOW)
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<b>Mean Crossing Time</b>	22 minutes
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<b>Builder</b>	FBM Marine Ltd, Cowes, Isle of Wight, UK
<b>Type</b>	Solent Class Catamaran
<b>Year built</b>	1998
<b>Service Speed</b>	33.5 knots @ 85% MCR
<b>Crew</b>	3 (max 6)
<b>Passenger Capacity</b>	187 seated
<b>Dimensions</b>	
Length Overall	32.9 metres, Breadth moulded - 8.40 metres
Draught (loaded)	1.25 metres
Gross tonnage	213t, Net tonnage - 77t



#### Main Machinery

Main Engines	2 x MTU 12V 296 Series TE74L turbo charged diesels each developing 1,500Kw at 2,000 rpm.
Propulsion	2 x MJP 650 waterjets driven via ZF BU465 gearboxes.
Steering	Styr-Kontrell-Teknik computerised system.

#### Auxiliary Machinery

2 x Perkins AC 4236 4 cylinder turbo charged diesel generators developing 47Kw each.

**Tank Capacities**      Fuel Oil - 1,600 litres.      Fresh Water - 250 litres

#### Navigational Equipment

- 2 x Latest Racal Decca Bridgemaster II Series 180 true motion radars (one with high speed scanner/screen).
- 1 x Traansas Electronic Chart Plotter
- 1 x C Plath Giro Compass interfaced with each radar
- 1 x Furuno FCV-612 Echo Sounder
- 1 x Walker 4040 Fully Interfaced Log
- 1 x Sailor RF2048 VHF Set
- 1 x Sailor DSC2042 VHF Set
- 1 x Sagitta NR51 DGPS System
- 3 x handheld VHF Sets

#### Life Saving Equipment

- 4 x Inflatable RFD Life Rafts
- 200 x Life jackets for persons > 32Kg in weight
- 60 x Life jackets for persons < 32Kg in weight

#### Wash Control

Adjustable trim tabs to maintain low wash characteristics in light load conditions

<b>Registered Number</b>	901323 Registered in the UK
<b>Classification</b>	DnV + 1A1 R15 E0
<b>Survey</b>	UK DTp Class IV
<b>Route</b>	Southampton / West Cowes (IOW)
<b>Mean Crossing Time</b>	22 minutes

#### Multimedia

- 8 x camera CCTV System with time lapse VCR and tape library.
- 4 x Sony colour monitors
- 2 x Panasonic 9" monochrome monitors
- 1 x Pentium II PC MPEG2 digitised media platform
- Video safety presentation

#### Comfort

- Tinted windows with blown air demisting.
- Meroc Marine International seats with cup holders and net pockets

#### Ventilation

- Electric heating and ventilation with supplementary ram air system



# RED FUNNEL

THE ORIGINAL ISLE OF WIGHT FERRIES

## vessel factsheets

## Red Jet <sup>4</sup>

<b>Builder:</b>	North West Bay Ships Pty Ltd, Tasmania.
<b>Type:</b>	39m Catamaran Ferry
<b>Year built:</b>	2003
<b>Service speed:</b>	35 knots @ 85% MCR
<b>Crew:</b>	3/4
<b>Passenger capacity:</b>	275
<b>Dimensions:</b>	
Length Overall:	39.8 metres
Beam:	10.8 metres
Draught (loaded):	1.3 metres

<b>Main machinery:</b>	
Main Engines:	2 x MTU 12V 4000 turbo charged diesels each developing 1,740 Kw at 2,000 rpm.
	Both engines externally silenced.
Propulsion:	2 x MJP 650R controllable water jets.
Steering:	Vector control of thrust and steering of both water jets.

<b>Auxiliary machinery:</b>	2 x 65 Kw Perkins 4 cylinder turbocharged diesel generator sets.
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<b>Tank capacity:</b>	Fuel Oil – 5,600 litres. Fresh Water – 500 Litres
<b>Navigational equipment:</b>	2 x Sperry Decca Bridgemaster E Series x band 180 true motion radars with clutter reduction (1 x high speed scanner/screen). 1 x Transas Electronic Chart Plotter. 1 x C Plath Giro Compass interfaced with each radar. 1 x Furuno FCV-612 Echo Sounder. 1 x Walker 4040 Fully Interfaced Log. 1 x Sailor RF2048 VHF Set. 1 x Sailor RT4822 VHF DSC. 1 x Slim Rad GN33 DGPS navigator. 3 x Slim Rad handheld GMDSS.

<b>Life Saving equipment:</b>	5 x Inflatable LSA Life Rafts with inflatable escape shoots. 300 x Life jackets for persons > 32Kg in weight 60 x Life jackets for persons < 32 Kg in weight Deployable interceptors to maintain low wash characteristics. Vessel hull is coated with environmentally friendly TBT free International Intersleek paint.
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<b>Wash control:</b>	
<b>Fit out:</b>	
<b>Classification:</b>	DNV + 1A1 HSLC R4 Passenger EO.

<b>Survey:</b>	MCA
<b>Route:</b>	Southampton <-> West Cowes, Isle of Wight.
<b>Mean Crossing Time:</b>	22 minutes.



Multimedia: 8 x camera CCTV time lapse system. VCR & DVD players. 8 x colour monitors. 2 x 9" monochrome monitors.  
1 x Pentium IV PC MPEG2 digitised media platform.  
Video safety presentation.

Comfort: Tinted windows with blown air demisting.  
Beauterix Ocean Tourist high back seats.

Ventilation: Fully air conditioned cabin with climate control.