



# Roberto Forti

Shipbrokers & Marine Consultant



|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| Name of Vessel            | CROAZIA JET                                              |
| Type                      | Ro-Ro Type 82 m Aluminium High Speed Passenger Catamaran |
| Builder-Yard Number-Year  | Austal Ships Pty Ltd (Australia) - 52 - 1996             |
| Ship Register             | Germanischer Lloyd                                       |
| Class                     | +100 A.5 HSC-B, OC3 Passenger Ro-Ro                      |
| IMO Number                | 9140918                                                  |
| Germanischer Lloyd Number | 93037                                                    |
| Call Sign                 | H9XQ                                                     |

#### Main Dimensions

|                                 |                |
|---------------------------------|----------------|
| Length Overall:                 | 82,30 m        |
| Length (Artiche 2(8))           | 77,52 m        |
| Breadth (Regulation 2(3))       | 23,00 m        |
| Breadth incl. fender            | 23,44 m        |
| Depth Moulded (Regulation 2(2)) | 11,50 m        |
| Depth Moulded                   | 6,50 m         |
| Moulded Draught                 | 2,70 m         |
| Gross Tonnage                   | 5307 ton.      |
| Net Tonnage                     | 1592 ton       |
| Maximum Displacement            | 1250 ton       |
| Deadweight                      | 370.415 ton    |
| Lighship weight                 | 8719.51 ton    |
| Service Speed                   | 36 knots       |
| Passengers capacity             | 676 Passengers |

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##### Genoa Branch Office

**Phone:** +39 010 8566.857 • **Fax:** +39 010 4209.1111 • **Mobile:** +39 335 594.3556

**E-mail & MSN Messenger:** [r.forti@forti.it](mailto:r.forti@forti.it) • **Skype:** forti.roberto • **Yahoo Messenger:** fortiroberto



**FYP s.r.l.**

P.I. & C.F: 01635610494~ Ruolo Mediatori Marittimi di Livorno n° 224 - 227

**Porto Azzurro** (Head Office) • **Genoa** (Branch Office) • **Milan** (Representation Office) • **Cairo** (Representation Office)

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|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| <b>Main Engines</b>                         | 4 MTU Engines Type 20 V 1163 TB 73<br>20 cylinders V configuration      |
| Length of stroke                            | 280 mm                                                                  |
| Diameter:                                   | 230 mm                                                                  |
| Power (single engine):                      | 6000 Kw at 1200 Rpm                                                     |
| <b>Auxiliary Engines</b>                    | 4 Diesel Engines Type MTU 8 V 183 TE52<br>8 cylinders – V configuration |
| Length of stroke                            | 142 mm                                                                  |
| Diameter:                                   | 128 mm                                                                  |
| Power (single engine):                      | 269 Kw at 1500 Rpm                                                      |
| <b>Propulsion System</b>                    | KaMeWa Jet Propulsion System<br>4 Water Jet KAMEWA 112 SII              |
| Rpm at Maximum Rating:                      | 567 Rpm                                                                 |
| KaMeWa File:                                | 10958                                                                   |
| Bow Thruster Engine                         | MTU 8 V 183 TE92 - Basis: MERCEDES BENZ OM 400 LA                       |
| Bow Thruster Hydraulic Motor and Propeller  |                                                                         |
| THRUSTMASTER TUNNEL THRUSTER                |                                                                         |
| <b>Tank Capacity</b>                        |                                                                         |
| Diesel /Fuel                                | 2 x 40000 litres                                                        |
| Lub Oil                                     | 1000 litres                                                             |
| Fresh water                                 | 4000 litres                                                             |
| Sewage                                      | 4000 litres                                                             |
| <b>Alternators</b>                          | 4 AC STAMFORM Generators Type HC. M534C2                                |
| Power                                       | 365 KVA                                                                 |
| Voltage                                     | 380 V                                                                   |
| Frequency                                   | 50 Hz                                                                   |
| Fuel Consumption                            | 8000 litres/ Hour                                                       |
| Garage Capacity Total meters:               | ~850 meters                                                             |
| All cars:                                   | ~200 cars                                                               |
| Cars + bus:                                 | ~ 54 macchine + 10 bus                                                  |
| <b>Gear Unit</b>                            |                                                                         |
| REINTJES Gear Units Type VLJ 4431 / HR K 71 |                                                                         |
| Reduction Ratio 2.161:1                     |                                                                         |
| 1225 Rpm input / 567 Rpm output             |                                                                         |

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