

# AUTO EXPRESS 85



"HIGH-SPEED 5"

YARD NO.: 285

DESTINATION: GREECE

DELIVERED: JULY 2005

CLIENT: HELLENIC SEAWAYS

## PRINCIPAL DIMENSIONS

Length overall	85.0 metres
Length (waterline)	76.4 metres
Beam (moulded)	21.2 metres
Depth (moulded)	6.5 metres
Hull draft (maximum)	3.1 metres

## PAYLOAD AND CAPACITIES

Passengers	810
Vehicles	154 cars or 4 buses and 131 cars
Maximum deadweight	470 tonnes
Maximum axle loads	Centre lanes (dual axle) 12.0 tonnes (single axle) 9.0 tonnes
	Side lanes 1.0 tonne
Vehicle deck clear heights	Centre lanes 4.3 metres Side lanes (above mezzanine) 2.0 metres Side lanes (below mezzanine) 2.2 metres
Crew	24
Fuel	111,000 litres

## PROPULSION

Main engines	4 x Caterpillar 3618 4 x 7,200 kW @ 1,050 rpm
Gearboxes	4 x Reintjes VJ 6831
Waterjets	4 x KaMeWa 112 S11

## PERFORMANCE (with Ride Control fitted)

Speed (90% MCR)	39.0 knots
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## CLASSIFICATION

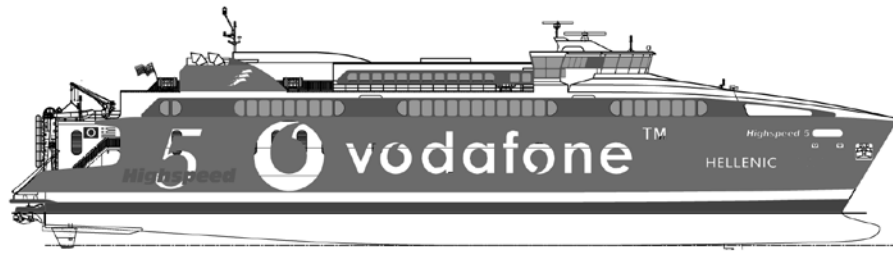
Germanischer Lloyd  
 ✘ 100 A5, HSC-B OC4, Highspeed Passenger/Ro.Ro Type, MC, AUT  
 Hellenic Flag Authority



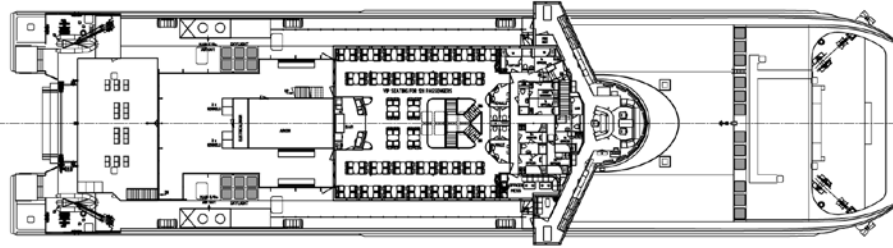
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Vessel type: 85m High Speed Vehicle-Passenger Catamaran

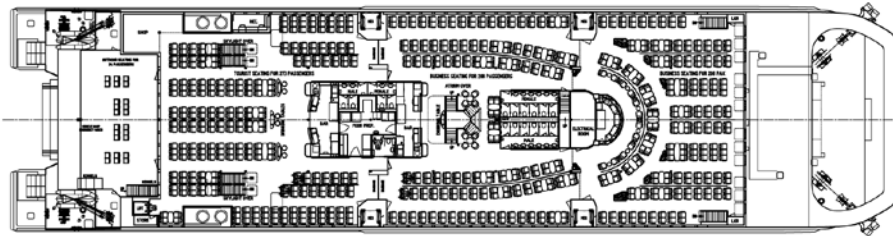
PROFILE



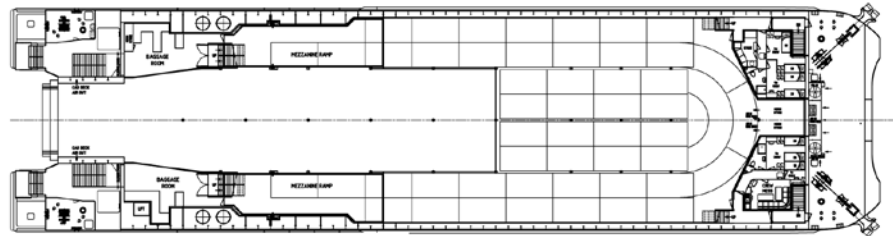
BRIDGE DECK



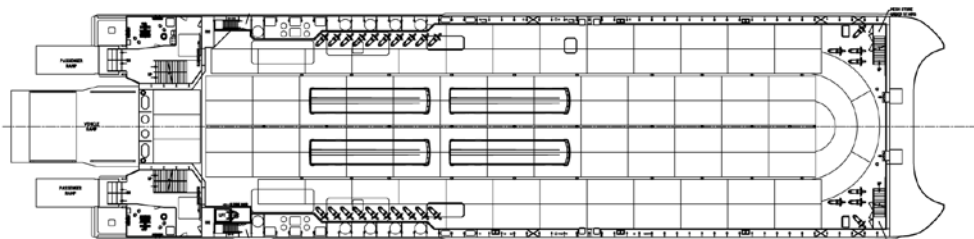
UPPER DECK



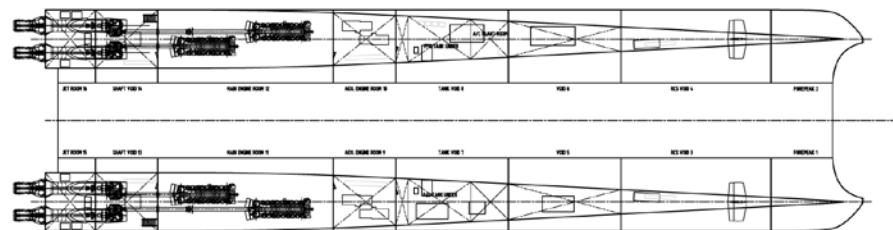
MEZZANINE DECK



MAIN DECK



HULLS



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