

# AUTO EXPRESS 92



"HIGH-SPEED 4"

YARD NO.: 97

DESTINATION: GREECE

DELIVERED: JULY 2000

CLIENT: MINOAN FLYING DOLPHINS

## PRINCIPAL DIMENSIONS

|                            |                 |             |
|----------------------------|-----------------|-------------|
| Length overall             |                 | 92.6 metres |
| Length (waterline)         |                 | 80.6 metres |
| Beam (moulded)             |                 | 24.0 metres |
| Depth (moulded)            |                 | 7.8 metres  |
| Hull draft (approx.)       |                 | 3.9 metres  |
| Vehicle deck clear heights | Centre lane     | 4.4 metres  |
|                            | Side lanes      | 2.2 metres  |
|                            | Mezzanine lanes | 2.0 metres  |

## PAYLOAD & CAPACITIES

|                    |                 |   |
|--------------------|-----------------|---|
| Passengers         |                 | 1050  |
| Vehicles           |                 | 188 cars<br>or 150 cars and 4 buses                     |
| Maximum deadweight |                 | 470 tonnes  |
| Maximum axle loads | Centre lane     | (dual wheels) 12.0 tonnes<br>(single wheels) 9.0 tonnes |
|                    | Side lanes      | 1.0 tonne   |
|                    | Mezzanine lanes | 1.0 tonne   |
| Crew               |                 | 36  |
| Fuel               |                 | 160,000 litres  |

## PROPULSION

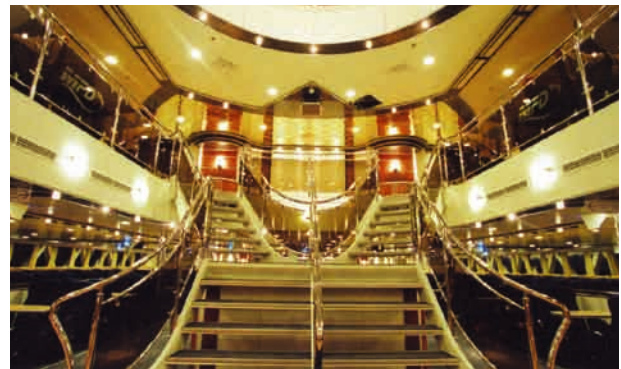
|              |  |  |
|--------------|--|--|
| Main engines |  | 4 x Caterpillar 3618<br>7,200 kW @ 1,050 rpm |
| Gearboxes    |  | 4 x Reintjes VJ 6831                         |
| Waterjets    |  | 4 x KaMeWa 112 SII                           |

## PERFORMANCE (with Ride Control fitted)

|                         |  |            |
|-------------------------|--|------------|
| Service speed (90% MCR) |  | 40.5 knots |
|-------------------------|--|------------|

## CLASSIFICATION

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



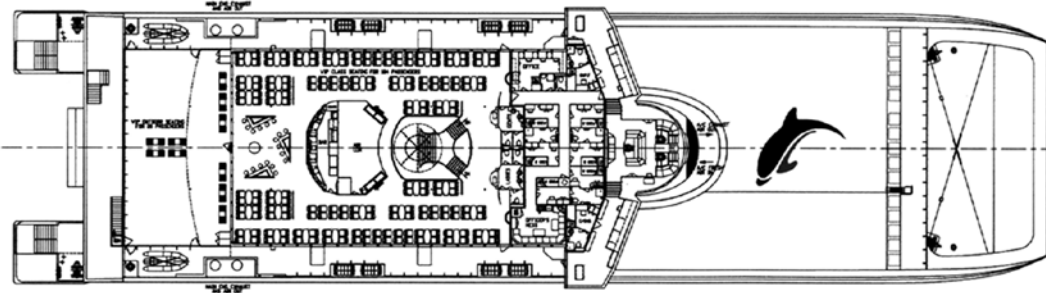
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Vessel type: 92m High Speed Vehicle-Passenger Catamaran

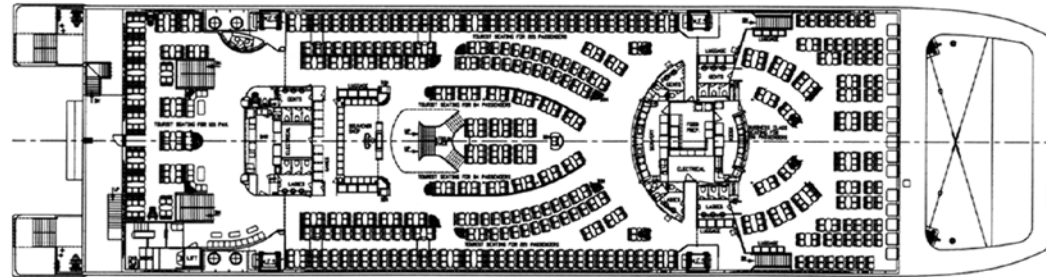
PROFILE



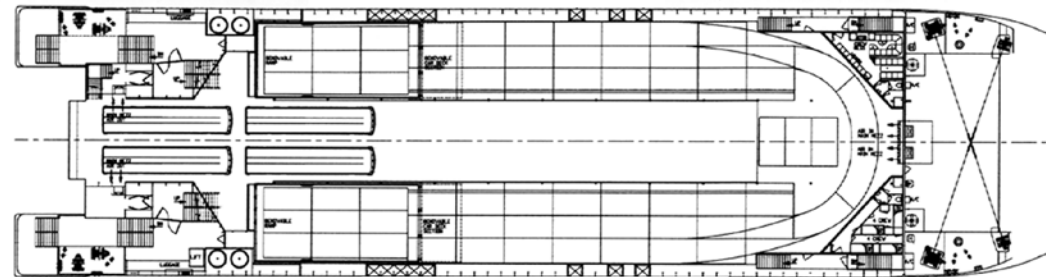
BRIDGE DECK



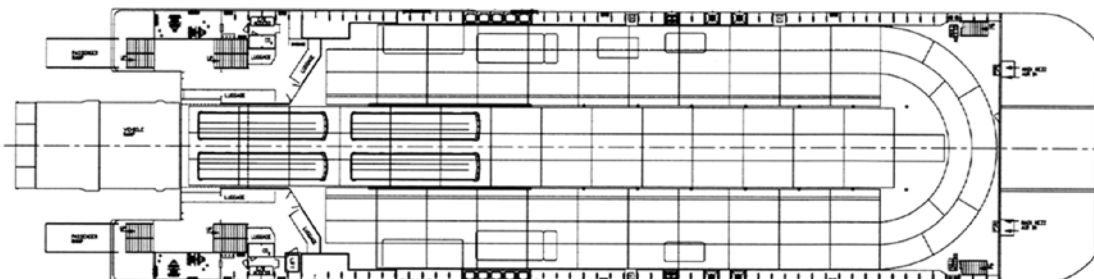
UPPER DECK



MEZZANINE DECK



MAIN DECK



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