

AUTO EXPRESS 82



"SUPERSTAR EXPRESS"

YARD NO: 60

DESTINATION: MALAYSIA

DELIVERED: NOVEMBER 1997

CLIENT: STAR CRUISES

PRINCIPAL DIMENSIONS

Length overall		82.3 metres
Length waterline		70.7 metres
Beam (moulded)		23.0 metres
Depth (moulded)		6.7 metres
Hull draft (approx.)		2.8 metres
Vehicle deck clear heights	Centre lane	4.4 metres
	Side lanes	2.2 metres
	Mezzanine lanes	2.0 metres

PAYLOAD & CAPACITIES

Passengers		900
Vehicles		175 cars or 70 cars & 10 buses
Maximum deadweight		340 tonnes
Maximum axle loads	Centre lanes	(dual wheels) 12.0 tonnes (single wheels) 9.0 tonnes
	Side lanes	1.0 tonne
	Mezzanine lanes	1.0 tonne
Crew		24
Fuel		153,000 litres

PROPULSION

Main engines	4 x MTU 20V 1163 TB73L 6,500kW @ 1,250rpm
Gearboxes	4 x Reintjes Vlj 4431
Waterjets	4 x KaMeWa 112 SII

PERFORMANCE (with Ride Control fitted)

Speed (340 t DWT, 100% MCR)	41 knots
Service speed (340 t DWT, 90% MCR)	38.5 knots
Fuel consumption (approx.) @ 90% MCR	5.0 tonnes/hr

CLASSIFICATION

Det Norske Veritas
 ✦ 1A1 HSLC Passenger Car Ferry A R1 EO
 Bahamas Flag Authority



AUTO EXPRESS 82

Vessel type: 82m High Speed Vehicle-Passenger Catamaran

"SUPERSTAR EXPRESS"
II

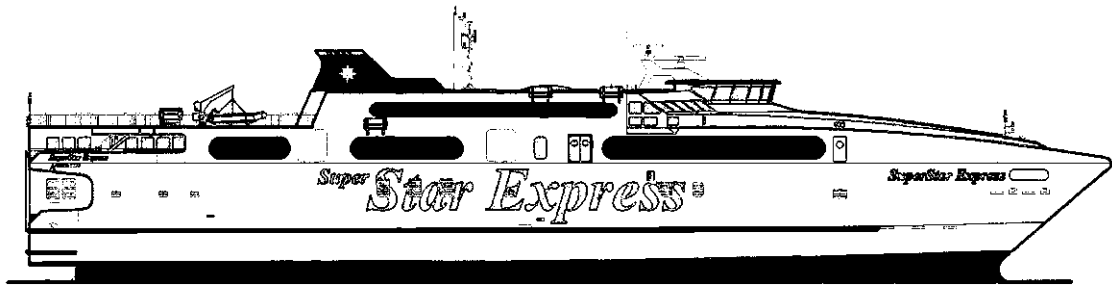
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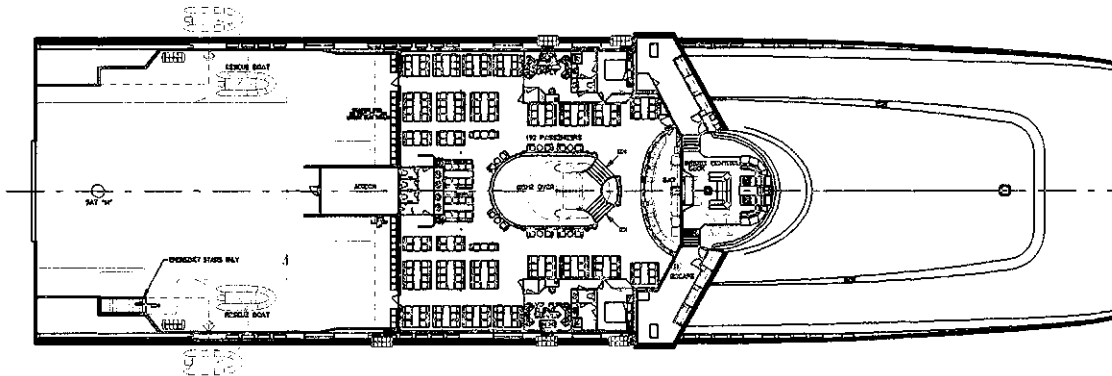
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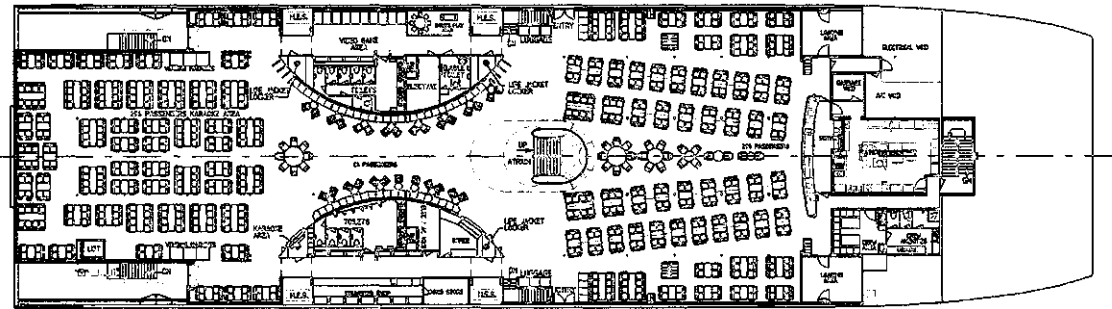
PROFILE



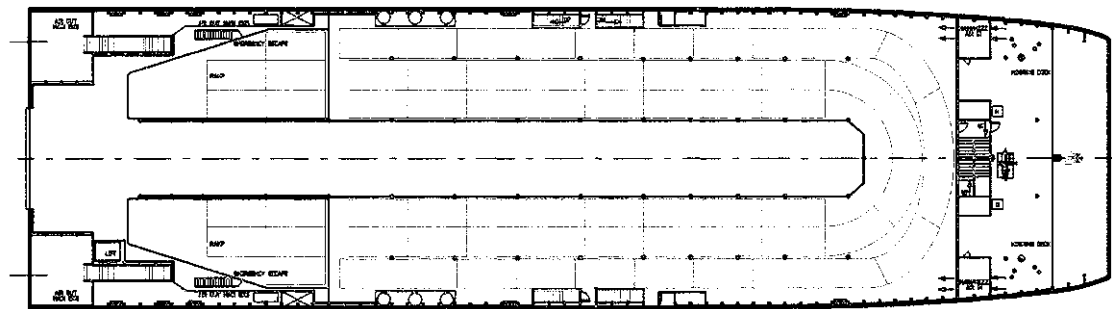
BRIDGE DECK



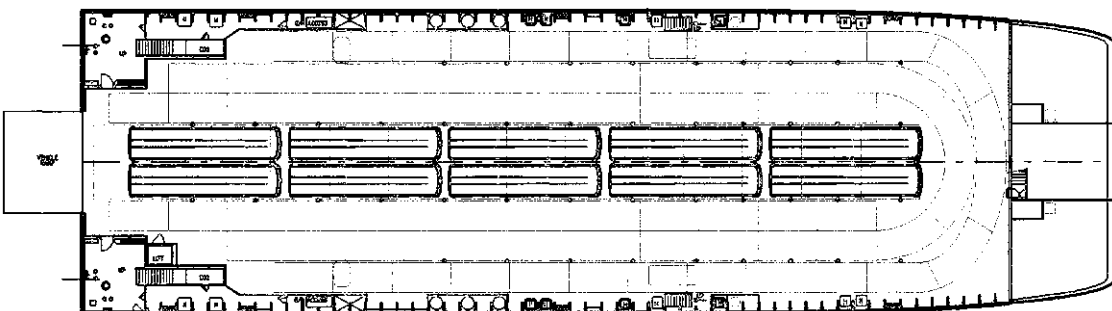
UPPER DECK



MEZZANINE DECK



MAIN DECK



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