

# AUTO EXPRESS 86



"VILLUM CLAUSEN"

YARD NO.: 96

DESTINATION: DENMARK

DELIVERED: MARCH 2000

CLIENT: BORNHOLMSTRÆFIKKEN

## PRINCIPAL DIMENSIONS

Length overall	86.6 metres
Length waterline	74.1 metres
Beam (moulded)	24.0 metres
Depth (moulded)	7.8 metres
Hull draft (approx.)	3.2 metres
Vehicle deck clear heights	
Centre lane	4.4 metres
Side lanes	2.2 metres
Mezzanine lanes	2.0 metres

## PAYLOAD & CAPACITIES

Passengers	1037
Vehicles	186 cars
	or 10 buses, 144 cars & 15 motorcycles
Maximum deadweight	abt. 500 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	30
Fuel	140,000 litres

## PROPULSION

Main engines	2 x GE LM 2500 Gas Turbines
	2 x 18,000kW (25°C) @ 3,600rpm
Gearboxes	2 x Renk
Waterjets	4 x KaMeWa 112 S11

## PERFORMANCE (with Ride Control & Bowthruster fitted)

Service speed (4851 DWT, 85% MCR)	41.0 knots
Fuel consumption (approx.) @ 85% MCR	7.4 tonnes/hr

## CLASSIFICATION

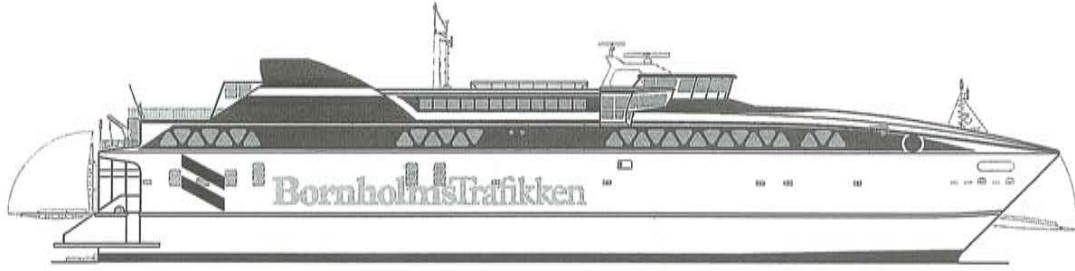
Det Norske Veritas  
 † 1A1 HSLC R2 Passenger Car Ferry A EO ICS NAUT  
 Danish Maritime Authority



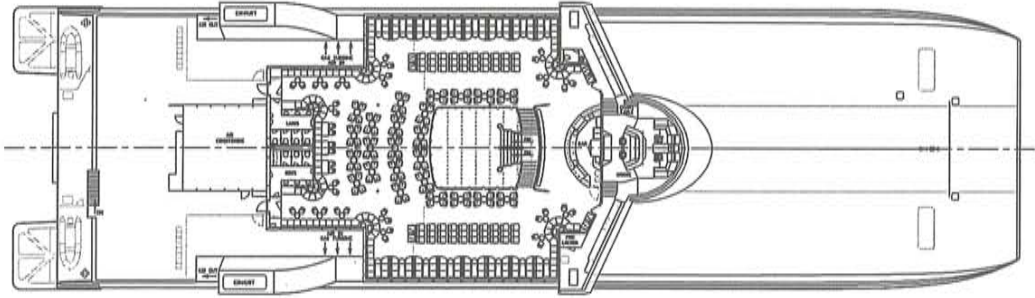
# AUTO EXPRESS 86

Vessel type: 86m High Speed Vehicle-Passenger Catamaran

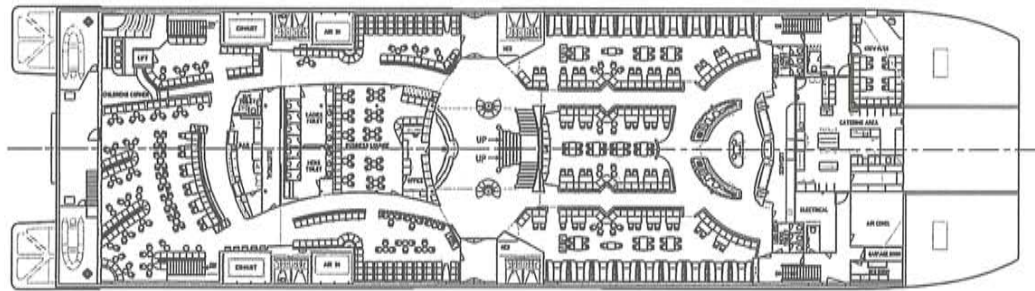
PROFILE



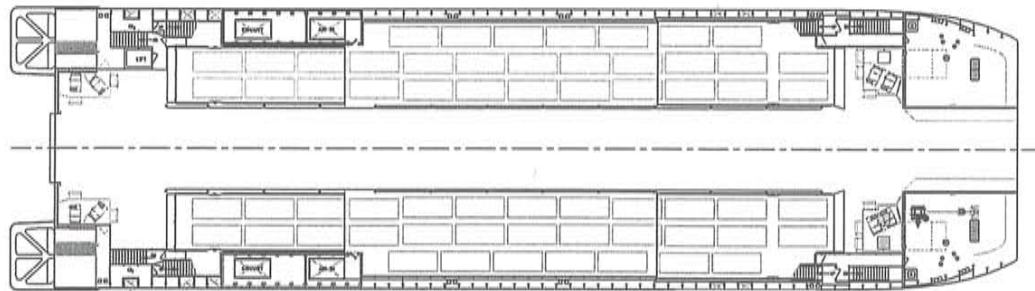
BRIDGE DECK



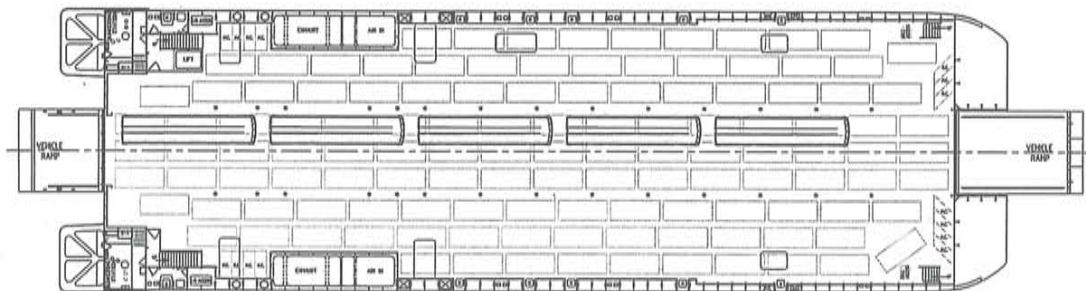
UPPER DECK



MEZZANINE DECK



MAIN DECK



VILUM CLAUSEN II

YARD NO: 96

DESTINATION: DENMARK

DELIVERED: MARCH 2000

CLIENT: BORNHOLMSTRAFIKKEN

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