



# DAMEN FAST ROPAX 5510

## FAST CAR PASSENGER VESSEL

### GENERAL

HULL MATERIAL	Steel
SUPERSTRUCTURE	Aluminium
BASIC FUNCTION	Fast Car Passenger Ferry
CLASSIFICATION	Bureau Veritas 1 ✳ HULL, ✳ MACH, High Speed Craft – Cat A, SeaArea 3, ✳ AUT-UMS
SAFETY	IMO High Speed Code 2000, Cat. A

### DIMENSIONS

LENGTH O.A.	55.90 m
BEAM O.A.	10.80 m
DEPTH MOULDED	4.00 m
DRAUGHT (HULL)	3.10 m

### TANK CAPACITIES

FUEL	36.500 l
FRESH WATER	2.500 l
SEWAGE	2.500 l
BILGE	700 l

### PERFORMANCE (TRIALS)

MAX. SPEED	20 kn at 93 tonnes deadweight
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### PROPULSION SYSTEM

MAIN ENGINES	4 x Caterpillar C32 ACERT
TOTAL POWER	4324 kW at 2100-2300 RPM
GEARBOXES	4 x Reintjes WVS 730/1
PROPELLERS	4 x FPP

### AUXILIARY EQUIPMENT

GENERATOR NETWORK	4 X Caterpillar C4.4, 2 x 99 ekW 400V / 230V AC, 3 phase , 50 Hz 24V DC
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### PAYLOAD CAPACITY

PAYLOAD	max. 118 t
PASSENGERS	199
CARS	max. 18
TRUCKS	max. 3 (+6 cars)

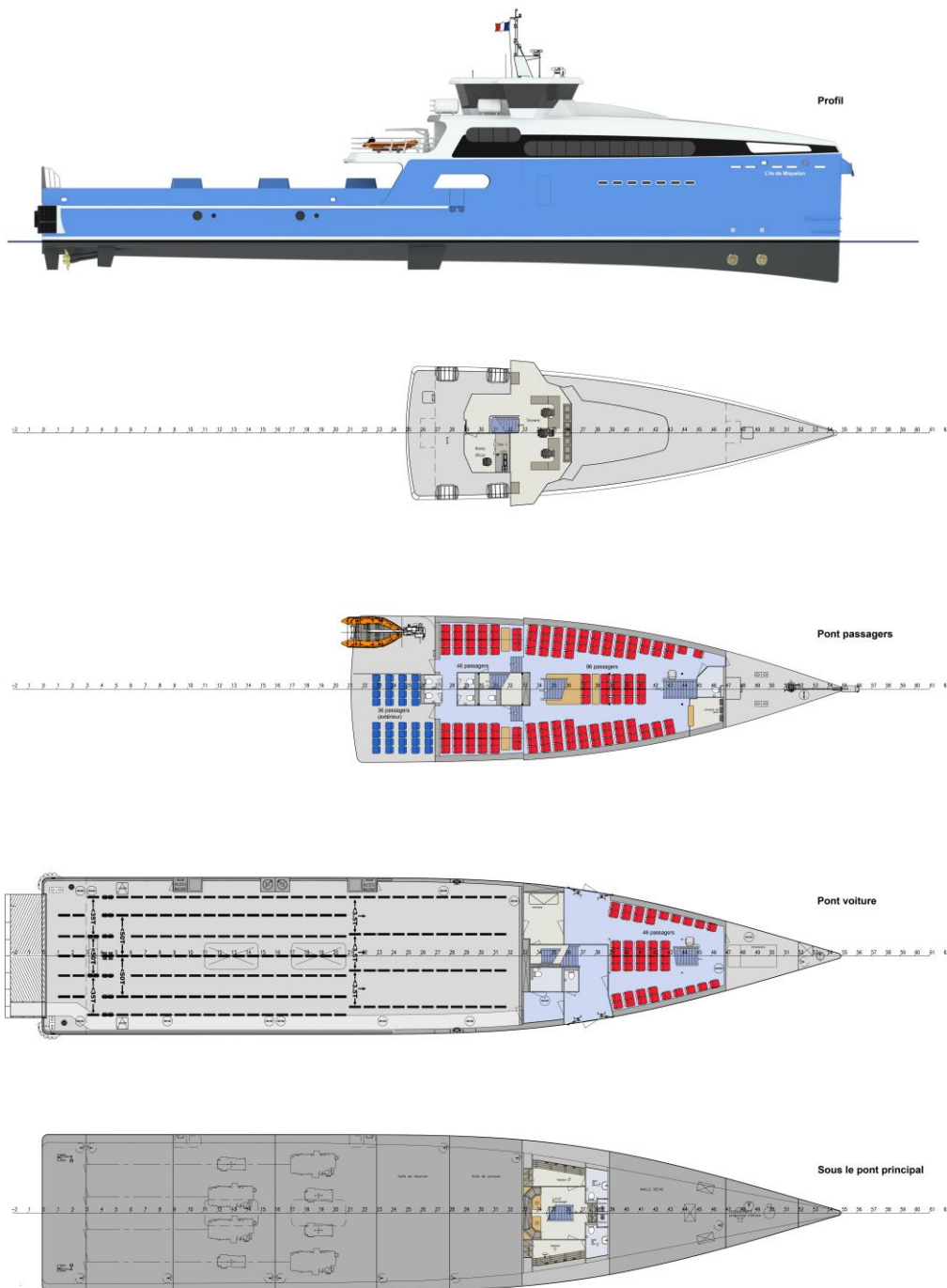
### ACCOMMODATION

TOTAL PERSONS ON BOARD	199
SEATING CAPACITIES	
MAIN DECK	46 passenger seats
UPPER DECK	142 passenger seats
OUTSIDE	36 passenger seats
CREW	6
LUGGAGE	20 kg pp
TOILETS	5 + 2 disabled
HVAC	Air-conditioning with temperature control

### NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

According to 2000 HSC Code and GMDSS A1 + A2 including, but not limited to

X-BAND RADAR	JRC JMA-5312-6
S-BAND RADAR	JRC JMA 5332-12
GYRO COMPASS	Alphatron Alpaminicourse
ECDIS CHART PLOTTER	Alphatron Alphachart T Eccdis
VDR	Alphatron CONS VDR F1



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**DAMEN**

Layout and equipment is indicative.  
Please contact Damen Shipyards for alternatives.

DAMEN SHIPYARDS GORINCHEM

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