

Pascal Paoli RoRo Passenger Ferry



Owner	SNCM
Yard number	988

Main Dimensions

Length over all	176.00	m
Length between perpendiculars	163.40	m
Breadth (moulded)	30.50	m
Depth main deck	9.80	m
Depth deck 5	15.80	m
Design draught (moulded)	6.60	m
Scantling draught (moulded)	7.50	m

Deadweight

Deadweight at design draught	7,280	t
Deadweight at scantling draught	10,375	t

Speed

Trial speed at design draught	24.0	kn
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Payload capacities

Total trailer lane length	2,300.00	m
Trailer lane width	3.00	m
Free height	4.50	m

Total car lane length	705.00	m
Car lane width	2.10	m
Free height	2.20	m

Passenger accommodation

(All cabins with own private facilities)

Passenger disabled	2 cabins	4 persons
Passenger 4-berths	112 cabins	448 persons
Passenger 2-berths	46 cabins	460 persons
Total	160 cabins	912 persons

Public Spaces

Suitable public spaces are provided for a total number of 658 passengers

- Games room
- Reclining seats
- Entrance lounge
- Restaurant
- Bar
- Shop
- Children's playroom

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Deck loads for local strength (typical)

	Maximum axle load	Uniform load
Deck 2	29.00 t	4.00 t/m ²
Deck 3	48.00 t	2.00 t/m ²
Deck 5	33.00 t	2.00 t/m ²
Deck 7	1.60 t	0.20 t/m ²

Ro-Ro Equipment

Two stern doors/ramps (clear width)	8.00 / 14.00	m
One fixed ramp deck 1 (clear width)	4.50	m
One fixed ramp deck 5 (clear width)	4.20	m
One fixed ramp deck 7 (clear width)	3.30	m

Stabilising system

One set of active finstabilisers, designed for roll reduction of 90% at service speed, wave slope 4°

Four main engines

Maximum output	9,450	kW each
Engine speed	500	rpm

Gearboxes

Two reduction gearboxes fitted with secondary P.T.O.'s
Speed on propeller shaft 146 rpm

Propellers

Two four bladed high skew controllable pitch propellers

Rudders

Two flap-type rudders

Thrusters

Two bow thrusters 1,500 kW each

Three auxiliary diesel driven alternator sets

Maximum output 1,440 kW
Engine speed 1,000 rpm

Two main engine driven alternators

Maximum output 1,900 kW
Engine speed 1,500 rpm

One emergency generator

Maximum output 350 kW
Speed 1,500 rpm

Complement (all cabins with own private facilities)

Captain class	2	cabins	2	persons
Officer	13	cabins	13	persons
Crew (single)	34	cabins	34	persons
Total complement	65	cabins	100	persons



IHC Merwede Offshore & Marine

Rivierdijk 586, 3371 ED Hardinxveld-Giessendam
Po Box 5, 3370 AA Hardinxveld-Giessendam
The Netherlands

Phone +31 184 677 300

Fax +31 184 677 301

E-mail shipyard.mws@ihcmerwede.com

Website www.merwede.com