

Prinsesse Ragnhild (1994 retrofit)

Ship type	RoPax ferry
Shipowner	Color Line AS
Shipyard	Howaldtswerke-Deutsche Werft AG



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Main Dimensions

Dwt	3,210 t
GT	35,855
Capacity	810 pax / 650 cars
LOA	202.50 m
Beam	24.36 m
Draught	6.00 m

Project type	Ship status	Design scope	Delivery year
Retrofit	Delivered	Concept, Basic, Detail	1994

Scope of Work for the Shipowner

- Re-design of the bulbous bow
- Speed/power predictions
- Coordination of model tests in deep and shallow water
- Weight calculations

Project Features

- Reduction of required power: 5% in deep water and 9% in shallow water
- Increased deadweight by over 200 tons
- Enhanced stability to meet the required A/Amax ratio
- The work was completed in 1994

Additional Information

IMO number	7904891
Classification society	DNV
Ice class	1B
Special features	Performance improvement