

# Smeraldo

Ship type	Tanker
Shipowner	Finbeta SpA
Shipyard	Cantiere Navale Mario Morini S.p.A.



## Main Dimensions

Dwt	7,014 t
GT	4,896
Capacity	7,000 dwt
LOA	118.62 m
Beam	16.4 m
Draught	6.76 m

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Project type	Ship status	Design scope	Delivery year
Newbuild	Delivered	Concept	1998

## Scope of Work for the Shipowner

- Hull form developed to provide adequate speed with the selected main engine and to ensure sufficient ice-going properties, including a special bulbous bow
- Speed/power prognosis
- Hydrostatic tables and tank tables Lightweight calculation
- Stability and damage stability calculations with various loading conditions
- Steel classification drawings for bow, stern, and deckhouse structures
- Review of midship structures
- Shell expansion for the complete vessel

## Project Features

- Hull form tailored to the selected midship design
  - Short delivery time for classification drawings
  - Ice strengthening in accordance with Finnish ice class 1A
  - Hull form optimized for a balance between open water and ice operations, featuring a special bulbous bow
  - Designed for all-year operation in the Baltic Sea
  - Double skin over the entire cargo area
  - Ballast tanks integrated into the double bottom and sides
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## Additional Information

IMO number	9148570
Ice class	1A