

## Special Purpose Vessels



Photo : Søren Lund Hviid

# M/V EMILIE ROBIN

### General Information:

The vessel was designed for Farvandsvæsenet (the Danish Coast Guard) as an ocean rescue vessel. The vessel and the sister vessel M/V Martha Lerche were built by Nordsøværftet, Denmark. The first vessel was delivered in April 1989. The vessels are designed to be self-righting.

### Main Dimensions:

Length o.a.	19.90 m
Length p.p.	16.40 m
Breadth	5.60 m
Depth	2.70 m
Draught	1.80 m

### Speed:

Service speed	11.50 kn
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### Propulsion:

Diesel propulsion	
Main engines	2 x Scania Engines
Installed propulsion power	2 x 383 hp
Bow-thruster	1 x bow-thruster (1 x 50 hp)

### Miscellaneous:

Classification	Lloyd's Register
Number of vessels built	2
Identification number	KEH 84034
IMO number	8717439

### Scope of Work:

The following work was carried out by Knud E. Hansen:

- Conceptual design study, including:
  - General arrangement
  - Specification
  - Stability calculation
  - Speed and power prediction
- Basic design, including:
  - General design
  - Model testing
  - Structural design
  - Machinery design
  - Outfitting design
  - Accommodation design
- Detail design

