



## 8050 m<sup>3</sup> Chemical Carrier - IMO 2

General Information:

The vessel was designed by Aarhus Dockyard for European owners as Chemical Carrier, intended for voyages in severe ice conditions and low ambient temperatures including the Great Lakes and St. Lawrence Seaway. Simplicity in design is the main feature.

Main Particulars:

Length o.a.	109.95 m
Length p.p.	103.50 m
Breadth	18.00 m
Depth	9.30 m
Draught	7.40 m

Capacity :

Cargo cubic	8050 m <sup>3</sup>
Cargo type	IBC IMO 2
Cargo system : Stainless steel	11 tanks
Deadweight	7800 t
No. of crew	15 pers

Speed:

Service speed	15.50 kn
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Propulsion:

Diesel	
Main engines	7S35MC
Installed propulsion power	5180 kW

Miscellaneous:

Classification intended	Norske Veritas
Number of vessels built	- NA -

Scope of Work:

The following work was carried out by Naval Architects and Marine Engineers now employed by Knud E. Hansen A/S :

- Determination of main particulars
- Conceptual- and contract designs, including:
  - General Arrangement
  - Outline and building specifications
  - Lines plan
  - Speed and power prediction and verification
  - Stability
  - Midship Section and other structural drawings

