



KEH MARK 1500 Container Vessel

General Information:

Conceptual design developed as in-house project for no specific owner. The vessel was designed to be a fast and efficient container feeder vessel with high intake of loaded containers as well as high reefer capacity.

Main Particulars:

Length o.a. (approx.)	166.00 m
Length p.p	155.00 m
Breadth moulded	27.70 m
Depth	14.50 m
Draught	8.50 m
Scantling draught	10.50 m

DWT at design draught (approx.)	15000 t
DWT at scantling draught (approx.)	21500 t

Capacity:

Total capacity	1536 TEU
Reefer capacity	400 FEU
Homogeneous loading 14 t / TEU (approx.)	1140 TEU

Cargo Gear:

Container cranes (optional)	2 x 40 t
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Speed:

Service speed (approx.)	20.50 kn
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Propulsion:

Diesel	
Main engine output (100% MCR)	1 x 14800 kW
Generators: Diesel	3 x approx. 1200 kW
Shaft	1 x approx. 1800 kW

Miscellaneous:

Classification	Open
Identification number	KEH 0014.01

Scope of work:

- Conceptual design including:
 - Optimisation of main dimension
 - General arrangement
 - Outline specification
 - Hull lines & hydrostatics
 - Speed and power prediction
 - Stability calculations

