



## 5500 TEU Container Vessel

### General Information:

Conceptual design developed for Hudong Shipyard, China. The design was intended to be the first Post Panamax Container Vessel to be built in China.

### Main Particulars:

Length o.a. (approx.)	238.00 m
Length p.p	268.00 m
Breadth moulded	40.00 m
Depth	24.10 m
Draught	12.00 m
Scantling draught	14.00 m

DWT at design draught (approx.)	50500 t
DWT at scantling draught (approx.)	68300 t

### Capacity:

Total capacity	5500 TEU
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### Speed:

Service speed (90% MCR and 15% sea margin) (approx.)	25.70 kn
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### Propulsion:

Diesel	
Main engine	1 x 54900 kW
Aux. engines	4 x approx. 1800 kW at 720 rpm

### Miscellaneous:

Classification	Chinese classification societies
Identification number	KEH 99407

### Scope of work:

- Conceptual design including:
  - General arrangement
  - Outline specification
  - Strength - investigation of critical areas
  - Speed and power prediction incl. optimum dimension
  - Stability assessment

