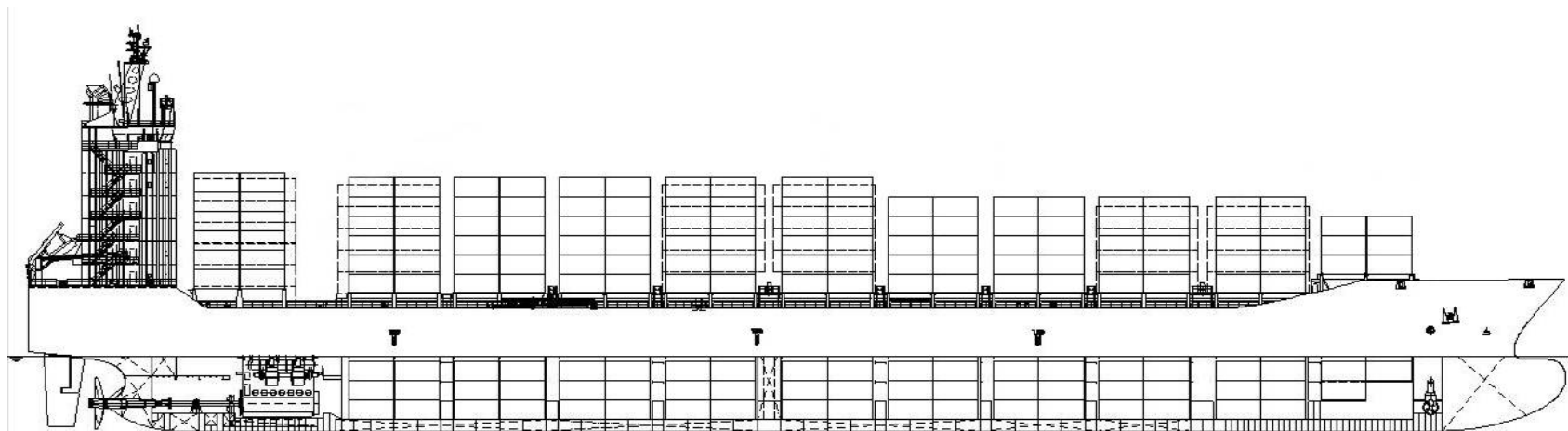


# INDEPENDENCE CV2500



## Main Dimensions

Length overall	207.40 m
Length between perpendiculars	195.40 m
Breadth, moulded	29.80 m
Depth	16.40 m
Design/scantling draught	10.10/11.40 m
Deadweight	27,000/33,500 t
Gross tonnage	25,410
Container capacity	
in holds - 6 tiers (1 tier high cube)	992 TEU
on deck - 6 tiers	1,418 TEU
total	2,410 TEU
Stow of 45' containers on deck	
total / 25t per container	220 / 135 cont.
Reefer sockets on deck/in holds	300/100
Generator capacity: TEU 275 x 11.0 kW x 0.6	
Dangerous goods on deck and in holds	
Capacity TEU 14t each acc. to IMO T=11.4 m	1,880 TEU
Tank capacity: HFO	2,540 m <sup>3</sup>
MDO	175 m <sup>3</sup>
Ballast water	9,300 m <sup>3</sup>
Speed (T=10.1 m, 90% MCR, 15% s.m.)	22.0 kn

## Class

Germanischer Lloyd	+ 100 A5 E "CONTAINER SHIP", IW, SOLAS II-2, Reg.19 ENVIRONMENTAL PASSPORT + MC E AUT
Flag of Registry	United States of America

## Equipment for Cargo

Stack loads	
in holds	144/180 t for TEU/FEU
on hatch no. 1, 2	55/ 75 t for TEU/FEU
on hatches no. 3 - 10	70/100 t for TEU/FEU
on main deck above engine room	60/ 90 t for TEU/FEU
Container cell guides in holds for FEU	
Cargo cranes (foundations only)	3x SWL 45 t / 25 m

## Ship's Equipment

Semi-balance rudder	
Bow thruster	1 x 1,100 kW
2 combined anchor/mooring winches, 4 mooring winches	
Freefall lifeboat	1x 28 pers.
Service crane	1.6 t / 12 m

## Machinery

Main engine 2-stroke	CMCR 21,770 kW
Fixed pitch propeller	
Steam generating plant	
1 combined exhaust gas heated oil fired boiler	2.3 t/h 1.8 t/h
Incinerator	500,000 kcal/h
Diesel generator aggregates, total (electr.)	4,500 kW; 900 rpm
Integrated automation system	
Voltages used for main consumers	450 V, 230 V / 60 Hz
Ballast system: double line	1 x 400 m <sup>3</sup>
Anti heeling system	1 x 600 m <sup>3</sup>
Water fire fighting system	
CO <sub>2</sub> fire fighting system	

## Accommodation

Crew incl. pilot	23 pers.
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