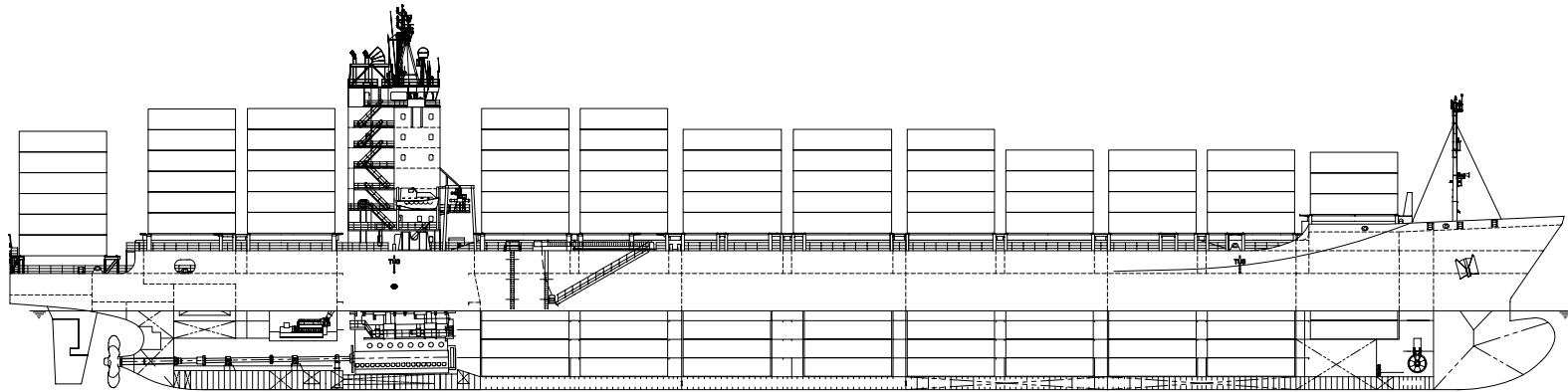


Philadelphia CV2600



Main Dimensions

Length overall	217.0 m
Length between perpendiculars	200.2 m
Breadth, molded	32.2 m
Depth to main deck at side	19.4 m
Design/scantling draft	11.0/12.5 m
Deadweight, design draft	29,400 t
Gross tonnage	32,575 t
Container capacity (typical stowage)	
20' in holds/on deck	4/0
40' in holds/on deck	253/0
40' high cube in holds/on deck	144/644
45' in holds/on deck	128/130
Alternate max stowage	
40' high cube in holds/on deck	182/774
45' in holds/on deck	128/208
53' on deck (no stowage in holds)	-/72
Reefer sockets in holds/on deck	40/260
Dangerous goods in holds and on deck	
Tank capacities	
HFO	3,700 m ³
MDO	180 m ³
LO (without circ tank)	60 m ³
Ballast Water (incl. heeling tanks)	11,600 m ³
Speed (90% MCR, 20% sea margin)	22.5 kts
Range	>10,000 nm

Class

American Bureau of Shipping
 + A1 CONTAINER CARRIER^(E)
 + AMS + ACCU SH
 Flag of registry United States

Equipment for Cargo

Stack loads (TEU/FEU)
 in holds 120/220 t
 on hatch no. 1 40/60 t
 on hatches no. 2-11 60/90 t
 on aft mooring deck (no 20' stowage) -/70 t
 Container cell guides in holds for 40' and 45'

Ship's Equipment

Semi-balanced rudder, welded type
 Bow thruster 1 x 1,300 kW
 2 combined anchor/mooring winches
 5 mooring winches
 Lifeboats, enclosed type 2 x 32 pers
 Service crane, monorail type swl 8 t / outreach 6 m

Machinery

Main engine, 2-stroke 28,880 kW MCR
 T/C, reversible at 104 rpm
 Fixed pitch propeller, 6 bladed, RH 7.22 m dia
 Auxiliary steam plant
 combined exhaust gas 3.2 t/h
 oil fired boiler 3.2 t/h
 Incinerator 500,000 kcal/h
 Diesel generators, electrical output
 60 Hz, 0.8 PF at 900 rpm 2 x 1290 kW
 2 x 1450 kW
 Voltages used for main consumers 440 V at 60 Hz
 Integrated automation system
 Ballast system 2 line type
 Anti-heeling system ± 0.5 degrees
 Water fire fighting system incl. fixed local
 fire fighting system
 CO₂ fire fighting system

Accommodation

Crew 26 pers
 Berths provided 28 pers