



# Technical Specifications



## MV Hanna C



### General

Yard no. : 812  
 Flag : British  
 Delivery date : Mar 2002  
 Basic functions : Transport of bulk, steel coils, containers, forest products, general cargo, etc.  
 Classification : Lloyds Register 100 A1, +LMC, UMS, SCM.  
 Ice class : Finnish-Swedish 1A  
 Sprinkler on hold 1.  
 Container Cargoes in Holds and on Hatchcovers.  
 Equipped for dangerous goods according to SOLAS reg. 54 II-2, excl.: Class I and VII  
 Strengthened for Heavy Cargoes.

### Dimensions

Length o.a. : 145.63m  
 Length I.I. : 139.33m  
 Beam mld. : 18.25 m  
 Depth : 10.30 m  
 Summer draft : 7.40 m  
 Deadweight : 10450 ton (summer)  
 Gross tonnage : 7752 GT  
 Nett tonnage : 3856 NT

### Capacities

Hold 1 : 5405 m<sup>3</sup> (= 190.875 cu.ft.)  
 Hold 2 : 9400 m<sup>3</sup> (= 331.950 cu.ft.)  
 Heavy fuel oil : 620 m<sup>3</sup>  
 Gasoil : 59 m<sup>3</sup>  
 Ballast water : 4888 m<sup>3</sup>

### Speed and Consumption Performance

Service speed : 14 kn. / 18 mt HFO (IFO 180), no G.O at sea,  
 : 1.5 - 2 mt in port idle / 2.5 mt working  
 : 3915 kW output (=90% MCR)

### Propulsion system

Main engine : MaK 9M32C, 2999 kW  
 Propeller : Lips, 4 blades, CPP  
 Bow thruster : Lips, 400 kW.  
 Rudder : Balance type

### Holds / Hatches

Hold 1: dim 38.95 m x 13.15 m x 11 m, (29.52m without narrowing)  
 Hold 2: dim 65.41 m x 13.15 m x 11 m, (58.10m without narrowing)  
 Hatch 1: dim 38.95 m x 13.15 m  
 Hatch 2: dim 59.45 m x 13.15 m  
 Tank top load: max. 18-20 ton/m<sup>2</sup>  
 Weatherdeck hatches: Folding type, max. load 1.75 t/m<sup>2</sup>.  
 Part Tweendeck of upto 22m, uniform load 3.5 t/m<sup>2</sup> - if required.  
 2 Grainbulkhead (existing of 2 pieces each), with eight store positions in number 2 hold and eight store positions in number 1 hold.

Container fittings on tanktop and hatchcovers.  
 Lashing eyes in holds and on coaming supports.  
 Containers in hold : 302 TEU stackload 100 ton/TEU, 120 ton/FEU  
 Containers on deck : 371 TEU stackload 28 ton/TEU, 52 ton/FEU  
 Total number: 673 TEU

### Cranes

2 Liebherr cargo cranes 60 ton/16 m, 40 ton/26 m, 30 ton/28.4 m

### Auxiliary equipment

1 Shaft-generator, Stamford 565 kVA, - 50 Hz.  
 1 Ajax CO<sub>2</sub> fire fighting system for engine room and cargo hold.

### Other Information

IMO number : 9240548  
 P+I Club : The Standard Club  
 TPC : 23.27m  
 Panama NT : 6900  
 Suez GT / NT : 8016..82 / 7143.48  
 Air Draft : 31.42m Ballast / 29.039m Summer Draft  
 WLTHC in ballast : 7.28m  
 Call Sign : VSRD7  
 ISPS : Compliant