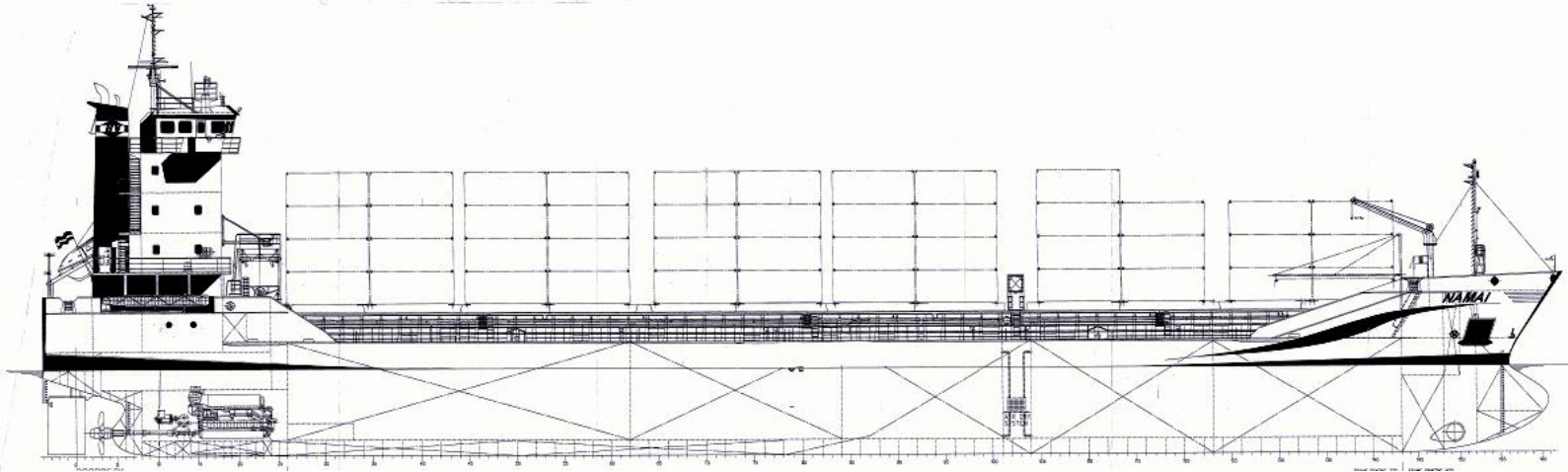




Hermann Lohmann Bereederungen
GmbH & Co. KG
Ship Management



Name Helas (IMO 9213894) Flag: Cyprus
Shipyard Ferus Smit B.V.
Built 2000
Type gearless singledecker
Classification I + HULL +MACH General cargo ship
 Container ship Unrestricted navigation
 +AUT-UMS, Ice class E3

Main Dimensions

Length over all	111,75	m
Length between perpendiculars	105,34	m
Breadth moulded	14,95	m
Draught moulded	06,86	m
Air Draught (incl. draught)	29,50	m
Depth to maindeck moulded	8,40	m
Clear height in hold	9,62	m

Deadweight (about)
 at 6,86 m draught (summer) 7041 tdw
 at 6,71 m draught (winter)

Measurement
 GT/NT 4563/2613

Service-Speed (bft 2, even keel) 9,50 knts

Main Engine
 1 of Wartsila, Vaasa Finland
 8R 32 E - Rated power 2900 kW

Propeller 1 x CPP

RPM 153

Consumption at sea MGO/day fully laden 9,50 mts

Consumption in port MGO/day idle 0,60 mts

Reduction gear
 1 reverse reduction gear

Auxiliary engines
 2 Diesel generator sets, Caterpillar 3306 174 KW -50Hz
 1 emergency/harbour generator set type Valmet, 58 kVA-50Hz
 2 starting air compressors
 1 Fuel separator
 1 Fuel oil trim pump
 1 bilge water separator, acc. to MarPol regulations
 2 bilge/ballast pumps, each 150 m³/hr a 2,80 bar
 1 Fire Fighting pump
 1 sewage pump
 1 freshwater pressure set
 1 CO₂ Fire Fighting system for engine room and cargo hold

Bowthruster
 1 x - Output 280 kW

Tank capacities
 Ballast approx 2.582,00 m³
 MGO approx 362,29 m³
 Potable water 44,40 m³

Cargo capacity
 Box holds narrowing fore and aft; see separate drawing
 Hold (grain) No 1: 2820 m³
 No 2: 6232 m³
 Dimensions cargo hold l x w x h 1. 27,30 x 12,65 x 9,44 m
 2. 53,7 x 12,65 x 9,44m
 Square meter capacity tanktop/hatch 10,00 / 1,7 mts

Bulk- and grain cargoes, general cargoes,, paper products, steel cargoes, etc.,
 IMDG-Code 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 8, 9;
 BC-Code 4.1, 4.2, 4.3 (FeSi), 5.1, 6.1, 6.2, 7, 8, 9

Steering Gear
 Electrical hydraulic steering gear
Anchor and moving winches
 1 electrical driven bow anchor winch with two warping heads
 1 electrical driven capstan aft

Deck layout
 Rudder, fishtail type
 Container fittings on tanktop and on hatch covers
 Lashing eyes in hold and outside of coaming
 Moveable grain bulkhead (2 pcs) with 1 & 5 stowage positions

Weather deck hatch covers
 Ponton
 Dimensions approx 1. 27,30 x 12,65 m
 2. 53,7 x 12,65 m
 6 times

Air change elec. driven
Container intake
 In hold 163 TEU
 On hatch (in compliance with a sufficient visibility) 227 TEU
 Total 390 TEU

Communication equipment
 According GMDSS for Area A3, eMail-Terminal
Accommodation
 For Captain and Crew of a total 10 persons with heating, ventilation and air-conditioning

Details are given in good faith, believed to be correct, but without guarantee.
 All figures to read "about" and not to be used for T/C-descriptions Speed basis max. beaufort 2, no swell and no adverse currents. Any Days during which the vessel encounters conditions exceeding these weather conditions are expressively excluded regarding performance evaluation.