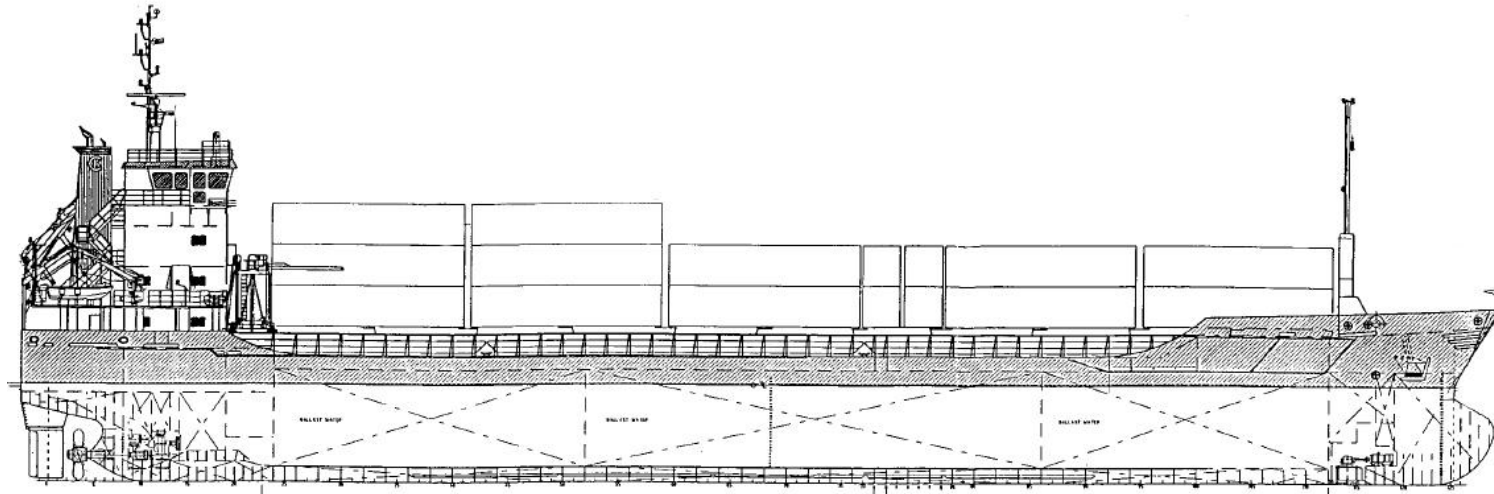




Hermann Lohmann Bereederungen
GmbH & Co. KG
Ship Management



Name ELENA (IMO 9195901) – A&B Flag
Shipyard Damen Hoogezand, NL
Built 2001
Type gearless singledecker

Classification DNVGL
 1A General dry cargo ship Container E0
 Ice(1A) Strengthened(IB)

Main Dimensions

Length over all	94,96	m
Length between perpendiculars	90,05	m
Breadth moulded	13,17	m
Draught moulded	6,20	m
Air Draught (incl. draught)	24,80	m
Depth to maindeck moulded	7,15	m
Clear height in hold	8,45	m

Deadweight (about)

at 6,20m draught (summer)	4.950	tdw
at 6,07m draught (winter)	4.800	tdw

Measurement

GT/NT	2.997/1707
Service-Speed (bft 2, even keel)	11,50 knts

Main Engine

1 of MaK	
8M 25 - Rated power	2400 kW
Propeller	1 x CPP

Consumption at sea IFO180/MGO/day fully laden	7,0/0,25 mts
Consumption in port MGO/day idle	0,50 mts

Reduction gear

1 reduction gear
Auxiliary engines
 2 Diesel generator sets, Catapiller 145 kw -50Hz
 1 emergency/harbour generator set type Catapiller, 62 kw -50Hz
 2 starting air compressors
 3 Separators: 1x IFO, 1x MGO, 1x Luboil
 1 Fuel oil trim pump
 1 bilge water separator, acc. to Marpol regulations
 2 bilge/ballast pumps, each 200 m³/hr a 2,80 bar
 2 Fire Fighting pumps
 1 sewage pump
 1 freshwater pressure set
 1 CO₂ Fire Fighting system for engine room and cargo hold

Bowthruster

1 x FPP type fishtail - Output	300 kW
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Tank capacities

Ballast	1586,52 m ³
IFO	327,02 m ³
MGO	36,75 m ³
Potable water	44,63 m ³

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

Weather deck hatch covers

Steel pontoon hatches with 1 gantry crane
 Dimensions approx 67,54 x 11,00 m
Air change elec. driven 6 times

Cargo capacity

Boxshaped hold narrowing fore and aft; see separate drawing
 Hold (grain) 6180 m³/218.245 cbft
 Dimensions cargo hold l x w x h 67,54 x 11,00 x 8,45 m
 Square meter capacity tanktop/hatch 19,00/1,60 mts

Cargo Hold

Bulk- and grain cargoes, general cargoes,, paper products, steel cargoes, etc., IMDG-Code 1.4S, 2, 3, 4, 5.1, 6.1, 8; BC-Code 4.1, 4.2, 4.3 (FeSi), 5.1, 6.1, 6.2, 7, 8, 9

Deck layout

Rudder, Becker type
 Container fittings on tanktop and on hatch covers
 Lashing eyes in hold and outside of coaming
 Moveable grain bulkhead (2 pcs) with 13 stowage positions

Container intake

In hold	120 TEU
On hatch	104 TEU
Total	224 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 expressly excluded regarding performance evaluation.