

ABB Lydia

General info

Built: 2004
 Port of Registry: Panama
 Flag: Panama
 IMO no: 9260378
 Class: DNV GL
 Owners P+I Club: Gard AS

Tonnage

Dwt: 12744 mt (summer)
 GT/NT: 9611 / 4260 mt
 Displacement: 17972.0 mt
 Panama net: 8427 mt
 Suez net: 21951.09 m3

Type

Multipurpose Dry cargo ship

Dimensions

LOA: 138,07 m
 LPP: 130,71 m
 Beam: 21,00 m
 Draft Summer: 8,00 m SSW
 Depth moulded: 11,0 m
 WLTHC: -

Engine

Main engine: MAK 6M43, 500 rpm, 5400 kW
 Aux. Engine: 3 x MAN D2840 LE301
 Shaft generator: AEM SE400L4
 Bow thruster: 500 kw

Tank capacity

Fuel IFO: 947,9 m3
 Fuel GO: 150,5 m3
 Fresh water: 128 m3
 Ballast: 5003.9 m3

IMDG dangerous cargoes can be loaded in:

Cargo holds No. 1
 Packaged goods in underdeck spaces 1-9 (except 2.3,5.2)
 Cargo holds No. 2-3
 Packaged goods in underdeck spaces 1-9 (except 1.1-1.6,2.3,5.2)
 Solid bulk cargoes in underdeck spaces 4-9
 Packaged goods on deck 1-9

Speed / Consumption

Abt. 14,5 knots on abt. 22,5 mts IFO 380 cSt + 1mt MGO at sea or manoeuvring
 Abt. 1,3 mt of MGO idle / abt. 2,2 mts MGO when working cranes

Above parameters are based in good weather conditions whilst vessel is on even keel, maximum Force 3 in Beaufort scale and sea-state 2 in Douglas scale. No negative currents, swells or tidal streams, and in temperate waters

All details are "about" and given in good faith without guarantee

Capacity

Grain
 1: 94067 cb.ft
 2: 281016 cb.ft
 3: 170312 cb.ft

Total: 545395 cb.ft

Holds

Number of Holds: 3
 Hold dimensions (L X B X H):
 HO 1: 18.75 m X 15,1 M narrowing fwd to 10.1 m
 Height: 10.53 m (5.43 m)
 Tweendeck 18.75 m X 15.1 M narrowing fwd to 10.1 m
 Height: 4.48 m
 HO 2: 42.0 m X 17.5 m
 Height: 11.18 m (3.25 / 6.01 / 7.45 m)
 (Tweendeck) 42.0 m X 17.5 m
 Height: 7.13 / 4.38 / 2.93 m
 HO 3: 25.5 m X 17.5 m
 Height: 10.77m (5.59 m)
 Tweendeck 25.5 m X 17.5 m
 Height: 4.38 m

Hatch

Hatch openings: No 1: 18.75 m x 15.1 m
 No 2: 42 m x 17.5 m
 No 3: 25.5 m x 17,5 m

Type of covers: Hydraulic operated Folding covers

Permissible Loads

Tanktop: 16 mt/sqm
 upper deck hatch cover: 1.75 mt/sqm
 Hold 1 tweendeck: 2.5 mt/sqm
 Hold 2 tweendeck upper level: 2.5 mt/sqm
 Hold 2, 3 tweendeck Middle and lower level: 4.0 mt/sqm

Hold Equipment

IMO Fitted: as per Document of Compliance

St Lawrence fitted: Yes

Smoke detector fitted: Yes

Mechanical ventilation system:
 6 changes pr hrs basis empty holds

Gear

Type of gear: 2 x 120 mt cranes