

Sea Discovery

General info

Built: 2012
 Port of Registry: Limassol
 Flag: Cyprus
 IMO no: 9516131
 Class: DNV GL
 Owners P+I Club: Gard AS

Tonnage

Dwt: 9382 mt
 GT/NT: 6872 / 3396
 Displacement: 13298.3 mt
 Panama net: -
 Suez net: -

Type

Multipurpose Dry cargo ship

Dimensions

LOA: 109.8 m
 LPP: 105.8 m
 Beam: 18.2 m
 Draft Summer: 8.01 m
 Depth moulded: 10.5 m
 WLTHC: -

Engine

Main engine: SXD-MAN B&W 8L 32/40 4000 kW/ 750 rpm
 Aux. Engine: 2 x SCANIA DI-16 55M; 1 x SISU DIESEL
 74CTAG-4V (emergency DG)
 Shaft generator: LEROY SOMER 500 kW x 1500 rpm
 Bow thruster: 450 kw

Tank capacity

Fuel IFO: 605 m3
 Fuel GO: 120 m3
 Fresh water: 138.2 m3
 Ballast: 3031.6 m3

IMDG dangerous cargoes can be loaded in:

Cargo holds No. 1-3
 Packaged goods in underdeck spaces 1-9 (except 1.1 to 1.6, 2.3, 5.2)
 Solid bulk cargoes in underdeck spaces 4, 5, 9 (except 4.3)
 Packaged goods on deck 1-9

Speed / Consumption

Abt. 13 knots on abt. 16 mts IFO 380 cSt
 Abt. 1,0 mt of MGO idle / abt. 1,5 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: 2980 m3
 2: 4540 m3
 3: 4540 m3

Total: 12060 m3

Holds

Number of Holds: 3

Hold dimensions (L X B X H):
 HO 1: 16,1 m X 15,2 m narrowing fwd to 10,33 m
 Height: 13,4 m
 HO 2: 25,9 m X 15,2 m
 Height: 11,6 m
 HO 3: 25,9 m X 15,2 m
 Height: 11,6 m

Hatch

Hatch openings: No 1: 16,1 m x 15,2 m
 No 2: 25,9 m x 15,2 m
 No 3: 25,9 m x 15,2 m

Type of covers: Hydraulic operated Folding covers

Permissible Loads

Tanktop: 14 mt/sqm
 Upper deck hatch cover: 1,75 mt/sqm

Hold Equipment

IMO Fitted: as per Document of Compliance

St Lawrence fitted: No

Smoke detector fitted: Yes

Mechanical ventilation system:
 6 changes pr hrs basis empty holds

Gear

Type of gear: 2 x 40 mt MacGregor cranes