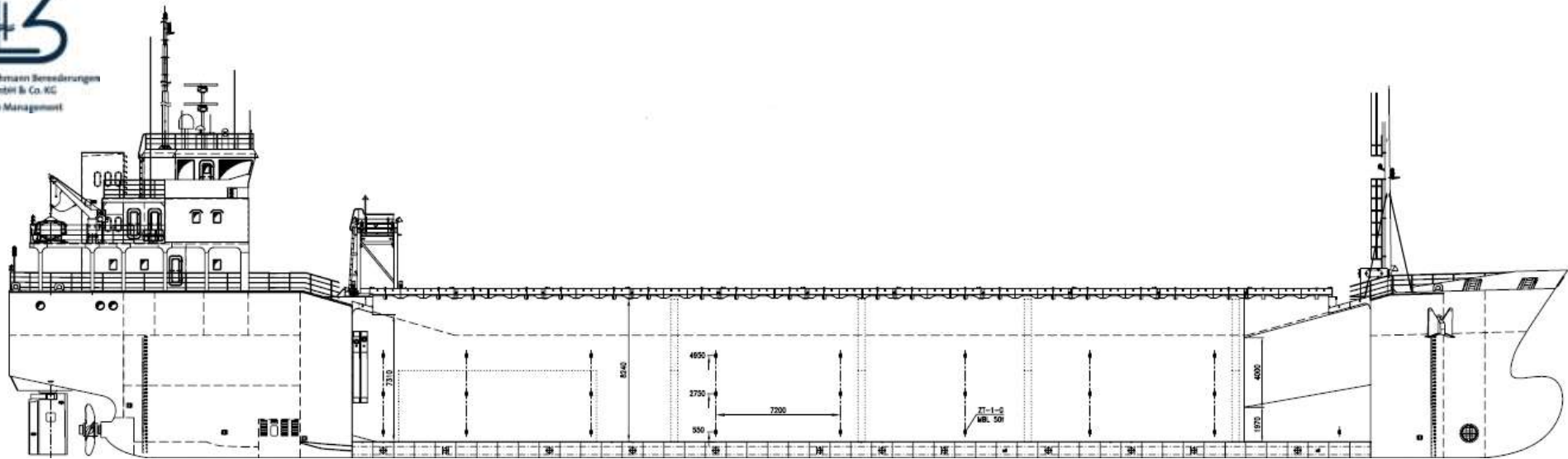




Hermann Lubmann Reedereien
GmbH & Co. KG
Ship Management



Name Patrick (IMO 9518426) – A&B Flag
Shipyards Onega Shipbuilding, Petrozavodsk
Built 2010
Type gearless singledecker
Classification ✳ 100 A5 E2
 G SOLAS-II-2, Reg.19DBG
 Multi-Purpose Dry Cargo Ship, Equipped for
 Carriage of Containers, Strengthened for
 Heavy Cargo / ✳ MC E2 AUT

Main Dimensions

Length over all	89,99	m
Length between perpendiculars	85,80	m
Breadth moulded	14,00	m
Draught moulded	5,80	m
Air Draught (incl. draught)	25,80	m
Depth to maindeck moulded	7,15	m
Clear height in hold	8,24	m
Deadweight (about)	4.497	tdw
at 5,80m draught (summer)	4.290	dwcc
at 5,68m draught (winter)	4.150	dwcc

Measurement

GT/NT	2997 / 1598
Service-Speed (bft 2, even keel)	10,00 kts

Main Engine

1 Wärtsilä 6L 26 B2	1950	kW
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Propeller 1 x CPP

Consumption at sea MGO/day fully laden 6,50/0,25 mts

Consumption in port MGO/day idle 0,80 mts

Reduction gear

1 reduction gear

Auxiliary engines

- 1 Shaft generator, 300 kw-50Hz
- 2 Diesel generator sets, 261 kw-50Hz
- 1 emergency/harbour generator set, 112 kVA-50Hz
- 2 starting air compressors
- 2 Separators: 1x IFO, 1x Luboil
- 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 FPP type fishtail - Output 170 kW

Tank capacities

Ballast	1983,00 m ³
MGO	286,00 m ³
Potable water	56,00 m ³

Cargo capacity

Boxshaped hold narrowing fore and aft; see separate drawing
 Hold (grain) 5527,0 m³/195154,0 cbft
 Dimensions cargo hold lxxh 58,80 x 11,47 x 8,24 m
 Square meter capacity tanktop/hatch 12,00/2,70 mts

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, Becker type
- Container fittings on tanktop and on hatch covers
- Lashing eyes in hold and outside of coaming
- Moveable grain bulkhead (1 pcs) with 4 stowage positions

Weather deck hatch covers

Steel pontoon hatches with 1 gantry crane
 Dimensions approx 55,20 x 11,47 m

Air change elec. driven 6 times

Container intake

In hold	102 TEU
On hatch	36 TEU
Total	138 TEU

Communication equipment

According GMDSS for Area A3, UMTS, Inmarsat, FB

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.