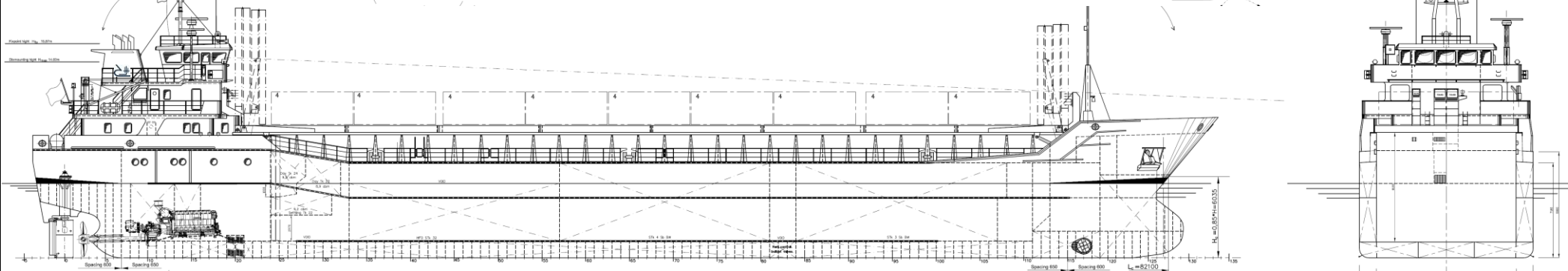
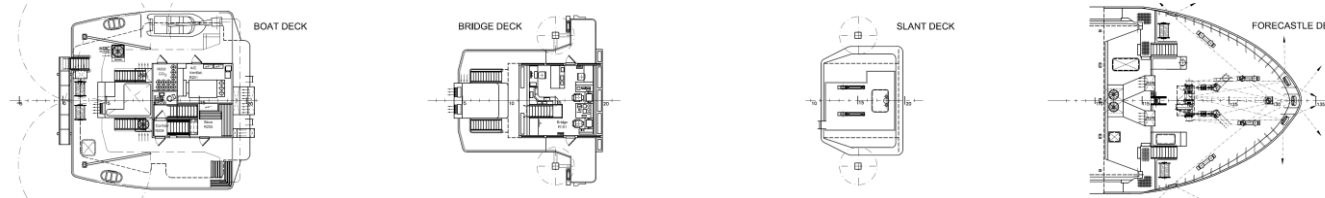




Hermann Lohmann Bereederungen
GmbH & Co. KG
Ship Management



Name HELEN ANNA (IMO 958 28 67) – A&B-Flag
Shipyard Slovenské lodenice Komárno a. s.
Built 11 / 2010
Type gearless singledecker
Classification GL + 100 A5 E G AHTS, Multi-Purpose Dry Cargo Shipped, Equipped for the Carriage of Containers on hatch covers only + MC E AUT SOLAS II-2, reg. 19 DBC, AHTS, Rhine-fitted

Main Dimensions

Length over all	87,90	m
Length between perpendiculars	81,32	m
Breadth moulded	12,80	m
Draught moulded	5,59	m
Air Draught (incl. draught)	15,95	m
Depth to maindeck moulded	7,10	m
Clear height in hold	8,10	m

Deadweight

at 5,59m draught (summer)	3746,39	tdw
at 5,48m draught (winter)	3628,39	tdw

Measurement

GT/NT	2.450/1.369	
Service-Speed (bft 2, even keel)	10,5	knts

Main Engine

1 of Caterpillar Motoren, Kiel		
MAK 8M20C - Rated power	1.520	kW
1 Shaft Generator Leroy Sommer	300 kVA, 3x400 V, 50 Hz	

Propeller

RPM	1.000
Rudder	1 Becker type

Consumption at sea	6,50 mts/day HFO180CST
Consumption in port	0,50 mts/day MGO

Reduction gear 1 reduction gear

Auxiliary engines

- 2 Diesel generator sets, type MAN D2866 LXE 225 kVA
- 1 emergency / harbour generator set, type Cummins 95 kVA
- 2 starting air compressors
- 2 fuel separators (1 HFO, 1 MGO), type Alfa Laval
- 1 bilge water separator, type RWO Bremen
- 1 bilge pump with 7,6 m³ / h @ 4,0 bar
- 2 bail pumps cargo hold, 65 m³ / h @ 5 bar
- 1 CO₂ Fire Fighting system for engine room and cargo hold

Bowthruster

1 x FPP type STT110LK - Output 185kW/790rpm

Steering Gear

Electric hydraulic steering gear

Tank capacities

Ballast approx	1.300,00	m ³
HFO approx	199,30	m ³
MGO approx	68,60	m ³
Potable water	52,00	m ³
Lubrication oil	13,40	m ³

Cargo hold capacity

Boxshaped cargo hold		
Hold (grain)	4.600 m ³ / 162.450 cbft	
Hold (bale)^	4.588 m ³ / 162.000 cbft	
Dimensions cargo hold	lxwxh	56,55x10,02x8,10 m
Square meter capacity tanktop/hatch		15,00/1,56 mts
2 pcs moveable grain bulkheads with ten stowage positions		

Cargo suitability 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

Anchor and mooring winches

- 2 bow anchors with 1 electro-hydraulic driven bow anchor winch with 2 warping heads
- 1 stern anchor with 1 electro-hydraulic driven stern anchor mooring winch with 1 warping head

Weather Deck layout

- Container fittings on hatch covers
- 4 times cement wholes in hatch covers
- Lashing eyes outside of hatch coaming

Cargo suitability weather deck

General and project cargoes, timber products (no slings o/b), etc., IMO-classes 1-9

Weather deck hatch covers

Steel hatches maker TTS Bremen, hydraulically driven (crocodile)
 Dimensions approx 56,55x10,20 m

Air change elec. driven 6 times

Container intake

On hatch	36	TEU
Total	36	TEU
Stack load	Hatch TEU/FEU	20 / 30 mts

Communication equipment

According GMDSS for Area A3, eMail-Terminal, cell phone

Accommodation

For Captain and Crew of a total 09 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.