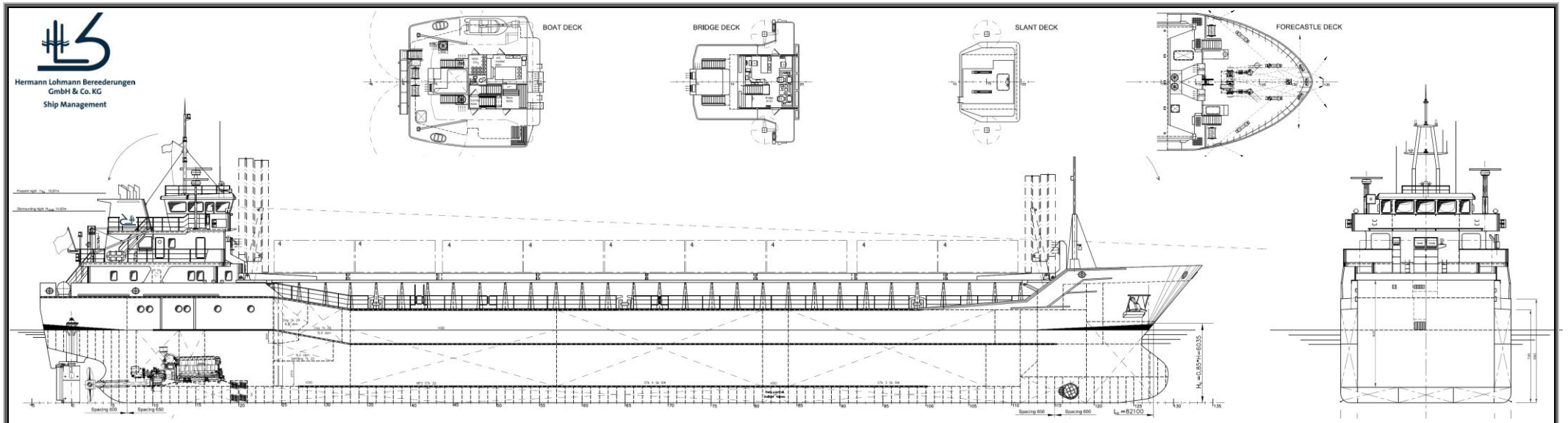
Hermann Lohmann Bereederungen
GmbH & Co. KG
Ship Management



Name	NIKLAS (IMO 958 28 55) – 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	1 x CPP by Schottel	
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 CO_2 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 m³
HFO approx	199,30 m³
MGO approx	68,60 m³
Potable water	52,00 m³
Lubrication oil	13,40 m³

Cargo hold capacity
Boxshaped cargo hold

Hold (grain)		4.600 m³ / 162.450 cbft
Hold (bale)^		4.588 m³ / 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 expressively excluded regarding performance evaluation.