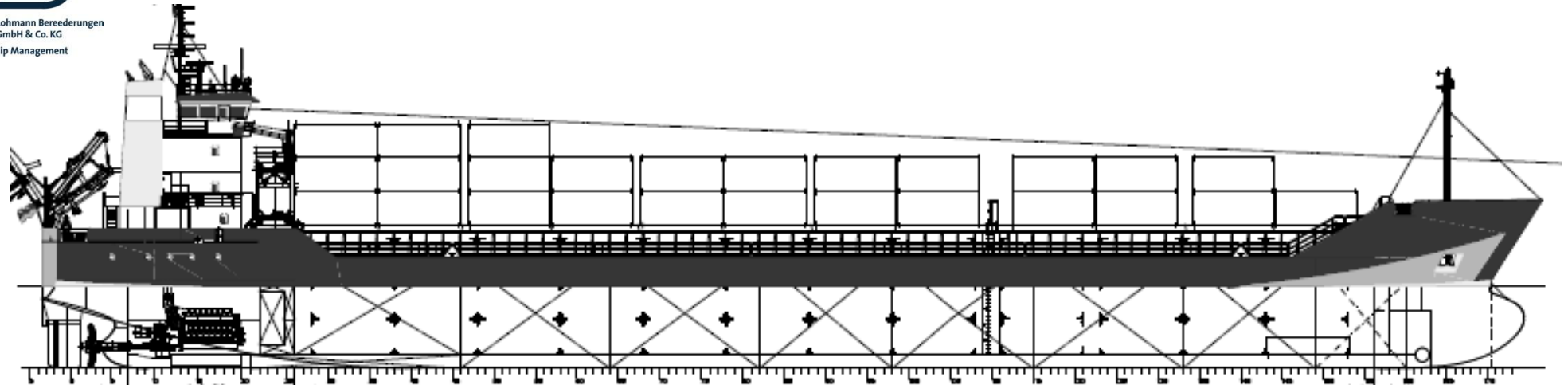




Hermann Lohmann Bereederungen
GmbH & Co. KG
Ship Management



Name Harun
Shipyard Ferus Smit B.V., Westerbroek_2008
Built
Type General Dry Cargo Ship Container
Classification DNV-GL, 1A General Dry Cargo Ship Container
E0 Ice (1A)

Main Dimensions

Length over all	110.78	m
Length between perpendiculars	105.45	m
Breadth moulded	14.00	m
Draught moulded	6,51	m
draught (winter)	6,38	m
draught (ice)	6,40	m
draught (fresh water)	6,66	m
Air Draught	32.00	m
Depth to maindeck moulded	8,13	m
Deadweight (about)	6665	tdw
Deadweight (winter)	6460	tdw

Measurement

GT/NT **3990 / 2208**

Service-Speed (bft 2,even keel)Loaded **11.0** kts /ballast**12.0** kts

Main Engine

1 M.A.K. 8M25 **2640** kW

Propeller CPP

Reduction gear

Flender – GMCP 670

Auxiliary engines

1. Cummins Engine 6CTA8.3-DM **163** KW
2.Cummins Engine 6CTA8.3-DM **163** KW
Emergency aux. engine: Cummins Engine 4BT3.9-G3 **74** KW
Shaft Generator: STAMFORD HC.M534E2 – **488** kW
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 Emergency Fire Fighting pump
1 sewage pump
1 freshwater pressure set
1 CO₂ Fire Fighting system for engine room and cargo hold

Bowthruster: Jastram BU50F **340** kW

Tank capacities

Ballast	2541.3	m ³
MGO	45	m ³
IFO380	395	m ³
Potable water	45.694	m ³

Cargo capacity

2 Boxshaped holda narrowing fore in No.1
Grain capacity **280805** cbft
Dimensions cargo holds **L=27.59m+50.88m B=11.5m H=9.00m**
Strength capacity Tanktop **15** t/m2 Tweendeck **1.5** t/m2
Hatches **1.6** t/m2

Steering Gear

Electrical hydraulic steering gear:

Anchor and moving winches

1 electrical driven bow anchor winch with two warping heads
2 electrical driven winches aft

Deck layout

Rudder, Becker type
Container fittings on tanktop and on hatch covers
Moveable grain bulkhead (**2 pcs 4 sections**) with
6 stowage positions or twindeck in hold no.2

Weather deck hatch covers

Steel pontoon hatches with 1 gantry crane
12 pontoons

Ventilation Air change elec. driven **8** times / hr

Container intake

In hold	138	TEU
On hatch	104	TEU
Total	242	TEU

Communication equipment

According GMDSS for Area A3, UMTS, Inmarsat C, Vsat

Accommodation

For Captain and Crew of a total ___ 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.