

Damen Combi Freighter 5000 [®]

M.V. "CLAUDIA"



General

Yard no. : 741
Delivery date : December 1999
Basic functions : Transport of bulk, steel coils, containers, forest products, general cargo, etc.
Classification : Lloyds Register ✕ 100 A1, ✕ LMC, UMS, SCM
Container Cargoes in Holds and on Hatchcovers. Ice class 1C
Equipped for dangerous goods according to SOLAS reg. 54 II2, excl. Class I and VII,
Strengthened for Heavy Cargoes up to 18 t/m².

Dimensions

Length o.a. : 94.99 m.
Length l.l. : 90.25 m.
Beam mld. : 13.17 m.
Depth : 7.15 m.
Summer draft : 6.20 m.
Deadweight : 5050 ton.
Gross tonnage : 2999 GT

Capacities

Hold : 6196 m³ (218.800 cuft.)
Fuel oil HFO-180 : 211,5 m³.
Gasoil : 43 m³.
Lub. oil : 15 m³.
Dirty oil : 12 m³.
Sludge : 16 m³.
Sewage : 14,8 m³.
Potable water : 41 m³.
Ballast water : 1743 m³.

Containers in hold : 120 TEU
Containers on deck : 104 TEU
Total number : 224 TEU

Performance

Service speed 12.0 kn. at 6.20 m draft at 1800 kW.

Propulsion system

Main engine : MaK 6M453C
Output : M.C.R. 1800 kW at 600 rpm
Propeller : 4 blades, controllable pitch
Bow thruster : 200 kW-BERG, 4 blades, fixed pitch
Rudder : Flap type.

Hatches

Weatherdeck hatches, Weather load 1.65 t/m².
Hold: dim. 67.74 m x 11.00 m.
Electrohydraulic driven hatch crane, also suitable for grainbulkheads.

Auxiliary equipment

1 Shaft-generator, Stamford 290 kVA - 50 Hz.
2 Diesel generator sets, Valmet, each 125kVA - 50 Hz.
1 Em. / harbour generator, Valmet 79 kVA - 50 Hz.
2 HFO selfcleaning separator.
1 Lub. oil separator.
2 Ballast pumps, 200 m³/h at 1.2 bar.
1 General service pump 50 m³/h at 4.8 bar.
1 Ejector drive water pump, 50 m³/h at 4.8 bar.
2 Ejectors 1 bowthrusterroom and 1 engineroom, 30 m³/h at 0.9 bar.
3 Ejectors in holds, 27 m³/h.
1 Emergency fire fighting pump, 57 m³/h at 5 bar.
1 CO₂ fire fighting system for engine room and cargo hold.

Life-saving appliances

1 Free-fall boat for 12 persons.
1 Rescue-boat.
2 Liferafts for 12 persons on boatdeck.

Deck lay-out and equipment

1 Electro-hydraulic capstan on poopdeck, SEC Ten Horn.
1 Electro-hydraulic anchor/mooring winch on forecastledeck
SEC Ten Horn.
Container fittings on tanktop and hatchcovers.
Lashing eyes in holds and on coamingsupports.
2 Grainbulkheads (each existing of 2 pieces) in hold, with 16 storepositions.

Accommodation

For a crew of 9 persons with heating, ventilation and air-conditioning.

Nautical & communication equipment

Radio equipment according to GMDSS for area A3.

Owner

MV CLAUDIA AG, SWITZERLAND.

DAMEN COMBI FREIGHTER 5000

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