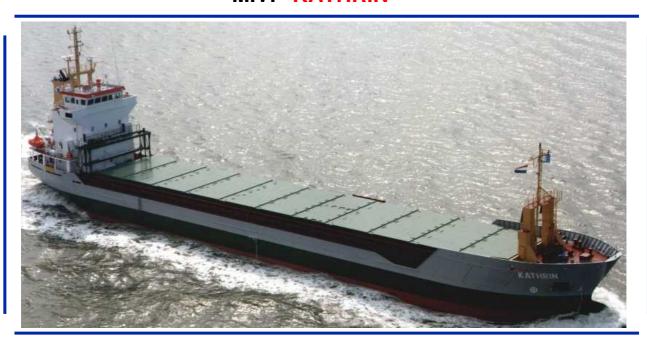
Damen Combi Freighter 5000



M.V. "KATHRIN"



General

Yard no. : 732

Delivery date : August 1999

Basic functions : Transport of bulk, steel coils, containers, forest products, general cargo, etc.

Classification : Lloyds Register

100 A1,
LMC, UMS.

Container Cargoes in Holds and on

Hatchcovers. Ice class 1C

Strengthened for Heavy Cargoes up to 18 t/m².

Flagregister Switzerland.

Dimensions

 Length o.a.
 : 94.99 m.

 Length I.I.
 : 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 capacities : 6196 m³ (218.810 cuft.)

Fuel (HFO-180) 216 m³. 44 m³. Gasoil Lub. oil clean 15 m³. 11 m³. Dirty Oil 8 m³. Sludge 12 m³. Sewage 41 m³. Potable water Ballast water : 1727 m³.

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

Performance

Service speed 12.0 knots at 6.20 m draft and 1980 kW

Propulsion system

Main engine : MaK 8M25 Output : 2200 kW / 750 rpm

Propeller : LIPS, 4 blades, controllable pitch Bow thruster : 200 kW, 4 blades, Fixed pitch

Rudder : Flap type.

Hatches

Weatherdeck hatchcovers of the "pontoon" type.

- Inner dimensions 67.74 x 11.00 m
- Number of sections: 11
- Top load: According to Class and strengthened for a load up to 1.65/m² and container line loads: 20t/20' and 30t/40'
- Construction: Closed top and closed bottom.

Auxiliary equipment

Shaft-generator
Generator sets
Emerg. gen.set
Starting aircompr.
Fuel separator
Lub.oil separator
Fuel transferpump

1 x 262 kVA-50 Hz
2 x 140 kVA-50 Hz
1 x 80 kVA-50 Hz
2 x 23,4 m³/h 30 bar
1 x 1680 l/hr
1 x 920 l/hr
2 tx 920 l/hr
3 2 m³/h, at 20 mwc

Fuel transferpump : 2x each 10 m³/h at 12 mwc

Bilge water sep. : 1 m³/h

Bilge/ball. pump : 2x 200 m³/h at 12 mwc

Bilge ejectors : 2x 30 m³/h
Fifi pump : 1x 60 m³/h
Freshwater press: : Hydrophore system

Freshwater maker : 3 m³/ 24 h

 ${\rm CO_2}$ fire fighting system in engine room and cargo holds. Live-safing appliances including a free-fall lifeboat for 12 pers.

One rescue boat and two liferafts.

Deck lay-out and equipment

Anchor winch : SEC Ten Horn Capstan : SEC Ten Horn

Accommodation

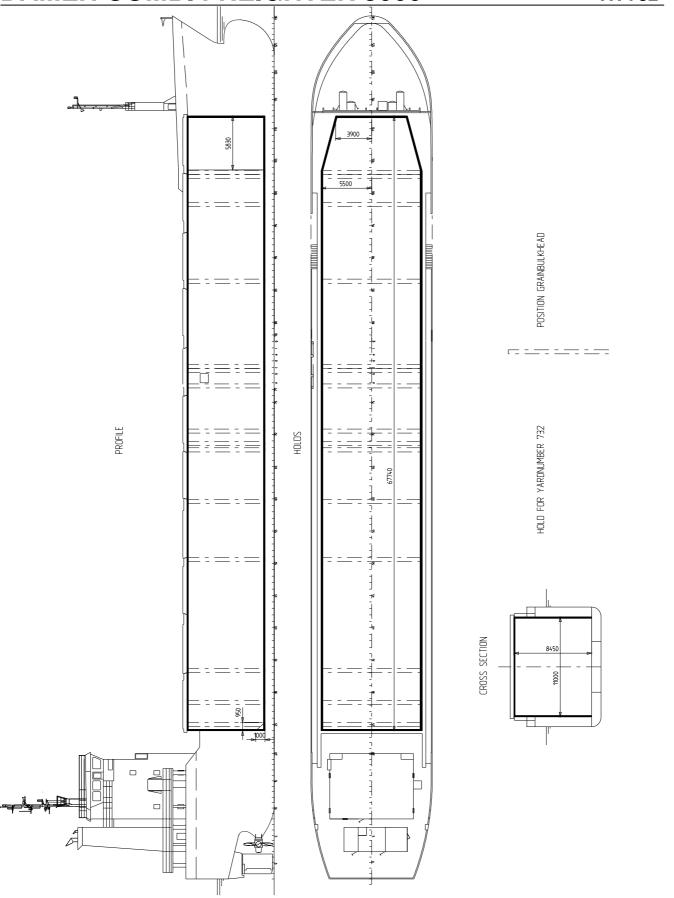
Air-conditioned cap. for 9 persons in single cabins, galley, 2x mess room, laundry and stores.

Nautical & communication equipment

Radio equipment according to GMDSS for area A3, two daylight radars, echosounder, autopilot, magnetic compass, gyrocompass, GPS receiver.

Owner

MV KATHRIN AG SWITZERLAND



DAMENSHIPYERDS CARGOYESSELS

