



GREAT DANE - MK I

General information

Builder: Sanfu Shipyard, PRC
Flag: Thai
Homeport: Singapore
Class: GL + 100 A5, Multi Purpose Cargo Vessel, ESP, E3, G, IW BMW F, equipped for heavy cargoes, SOLAS II-2 reg 54, +MC EJ AUT.
Vessels: „Marselisborg“ built 09/2010
 „Brattingsborg“ built 12/2010
 „Fredensborg“ built 02/2011
 „Billesborg“ built 04/2011
 „Elsborg“ built 06/2011
 „Ellensborg“ built 08/2011
Type: Heavy Lift Multi Purpose Dry Cargo Vessel, strengthened for heavy cargoes, equipped for the carriage of containers, tweendecks can be used as bulkheads in holds. IMO / Lakes / Aussie / ITF fitted.

Engines

Main engine: MAK 6M43; MCR: 5400 kW
Bowthruster: Jastram 500 kW

Dimensions

LOA: 138,50 m
LPP: 130,00 m
Beam: 21,00 m
Draught: 8,00 m

Tonnage

DWAT: 12.580 tons
GR/NT: 9.611/4.260 tons

Speed and consumption

About 15 knots on abt 24 mt Isifo 380 cst
 Port consumption idle: Abt 1,5 mt LSMGO
 Port consumption with gear working: Abt 2,5 mt LSMGO

Cargo capacities

Cargo capacity: About 15.953 cbm
Containers in holds: 334 TEU
Containers in deck: 331 TEU
Containers in total: 665 TEU
 - including 50 reefer containers

Cranes

Two NMF cranes - lifting capacity (SWL):
 150,0 t - outreach: 4,5 - 16,0 m
 120,0 t - outreach: 4,5 - 19,0 m
 95,0 t - outreach: 4,0 - 24,0 m
 70,0 t - outreach: 3,5 - 33,0 m
 38,0 t - outreach: 3,5 - 33,0 m
 Cranes able to lift up to 300 mt in combination

Holds / Hatches

3 holds - dims:
 Hold 1: 18,75 x 15,00 / 10,00 m
 Hold 2: 42,00 x 17,50 m
 Hold 3: 25,50 x 17,50 m
3 hatches - dims:
 Hatch 1: 18,75 x 15,00 / 10,00 m
 Hatch 2: 42,00 x 17,50 m
 Hatch 3: 25,50 x 17,50 m
 Tweendeck: Same dimensions as holds.
 No abstractions between hatches, thus making clear deck space up to 104,05 x 17,50 m

Tweendeck heights

Hold 1: 5,38 / 4,55 m
 Hold 2 - lower level: 3,20 / 7,18 m
 Hold 2 - middle level: 5,95 / 4,43 m
 Hold 2 - upper level: 7,40 / 2,98 m
 Hold 3: 5,54 / 4,43 m
 Above basis tanktop / tweendeck

Load distribution

Tanktop: 16,00 mt/sqm
 Hatch covers: 1,75 mt/sqm
 Hold 1 - tweendeck: 2,50 mt/sqm
 Hold 2 - tweendeck, upper level: 2,50 mt/sqm
 Hold 2 - tweendeck, middle level: 4,00 mt/sqm
 Hold 2 - tweendeck, lower level: 4,00 mt/sqm
 Hold 3 - tweendeck: 4,00 mt/sqm