



GREAT DANE - MK I

General information

Builder:	Sanfu Shipyard, PRC
Flag:	Singapore
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 07/2011 „Ellensborg“ built 10/2011
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 ifo 380 cst
Port consumption idle: Abt 1,5 mt MGO
Port consumption with gear working: Abt 2,5 mt MGO

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 obstructions between hatches, thus making clear deck space up to 104,05 x 17,50 m	

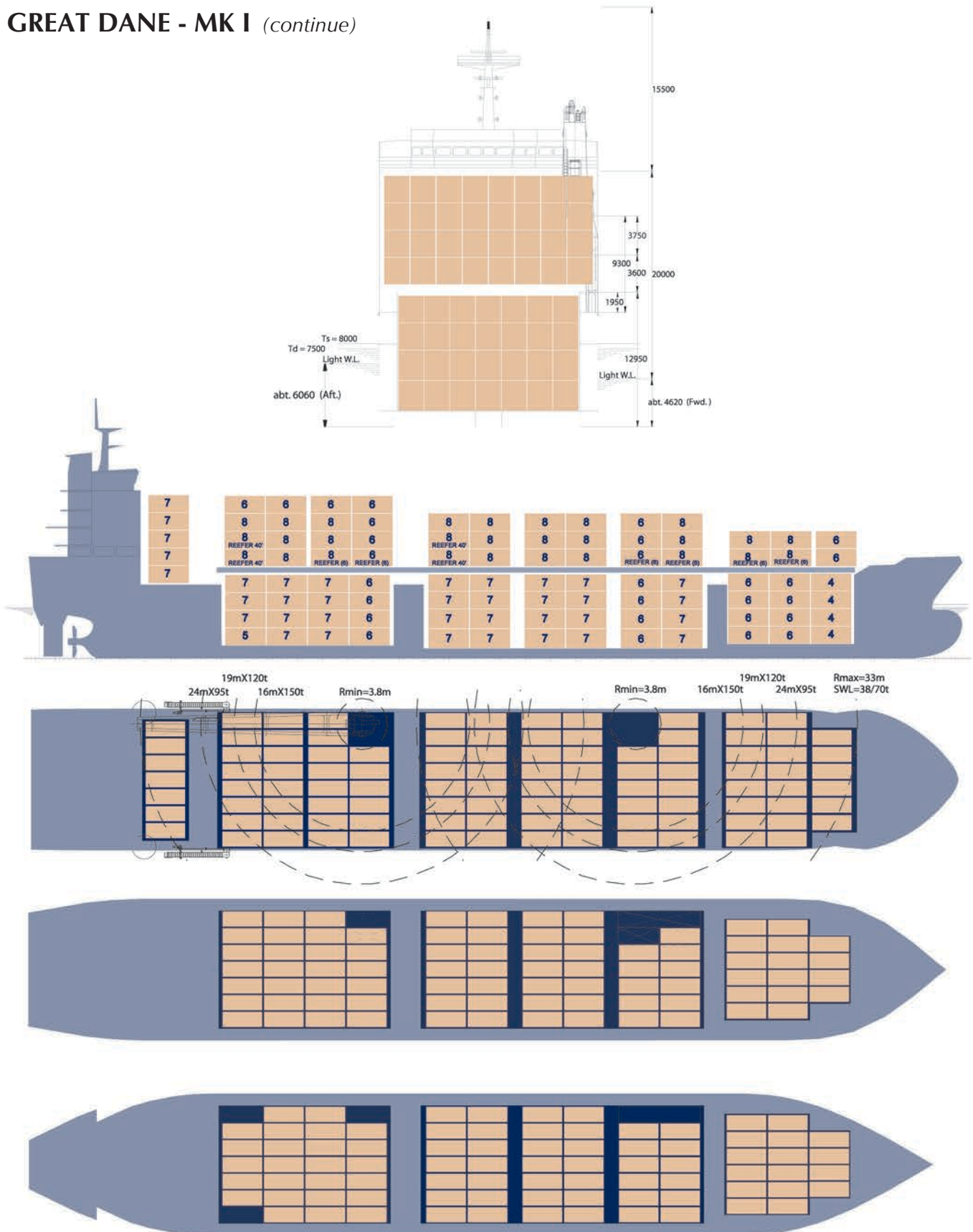
Tweendeck heights

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

GREAT DANE - MK I (continue)



All details believed to be correct, but not guaranteed.