



MV "KALVOE"



MAIN PARTICULARS:

Flag	: Liberia
Port of registry	: Monrovia
Built:	: August, 2011, Rongcheng Shipyard
Type	: Multipurpose
Class	: DNV GL GL 100 A5 E2 MC AUT E2 TSM
Ice Class	: 1B Finnish-Swedish Ice Class
IMO Nr.	: 9518983
P&I	: UK P&I Club
H+M value	: USD 5 Mio

GENERAL DIMENSIONS:

GT/NT	: 4.220 / 2.456
DWT summer sw	: abt 5.700
DWT at 5,30 m	: abt 5.350
Draft fully laden sw	: 5,90 m
LOA	: 106,02 m
LPP	: 99,98 m
Beam	: 15,20 m (max breadth Over the fender = 15,63 m)
Depth moulded	: 7,90 m
Ballast airdraft	: 27,50 m (masts collapsed)
Distance wl/hc	: abt 7,04 m ballast, abt 4,40 m laden

GEARS:

2 cranes mounted on port of 45 mts SWL,
Combinable to 90 mts side, with 24 m outreach 40 mts,
And 18 m at 45 mts

DECK STRENGTH:

Tanktop strength	: 15,00 mts / sqm
Hatchcover strength	: 2,2 mts / sqm
Tweendeck strength	: 2,4 mts / sqm

CONTAINER DATA:

Container intake : 261 TEU total
156 TEU (hold) + 105 TEU (deck)
Intake is always subject vessel's stability, trim, permissible weight and is subject to regulations of visibility.

HOLD PARTICULARS:

Grain capacity	: 288.601,200 cbf – excl. bulkheads
Holds (boxshaped)	: 2 holds with a full tween deck (upper hold 1 high cube + lower hold 1 high cube and 1 ISO container)
Hold 1 (LxBxH)	: 25,50 m x 12,65 m x 9,20 m
Hold 2 (LxBxH)	: 45,75 m x 12,65 m x 9,20 m
Hatch covers	: 4 pontoon on hatch 1 + 7 pontoons on 2
Moveable bulkheads	: 2 bulkheads (2 panels for each b/h = 4 total Erection possible in 3 different positions In hold and 2 positions in hold 1)
Hold ventilation	: 6 air changes per hour
Cement holes	: 3 in hold 1 + 4 in hold 2 (à 900 mm diam)

MACHINERY:

<u>Main engine/type</u>	: Yanmar Model 6EY26
Power	: 1.920 kw at 750 rpm
Grade fuel used:	: IFO 180
<u>Auxillary/type</u>	: HND (Deutz MWM) license TBD 234V8
Number	: 3
Power	: 249 kw each
Grade fuel used	: MDO
Generator	: 230 kw, 400 V, 50 Hz, 1.500 rpm
Shaft generator	: 350 kw, 400 V, 50 Hz, 1.500 rpm
Bow thruster	: Kawasaki, 300 kw
Speed/consumption	: abt 10 kn on abt 9,0 ts IFO 180 p.d. (BF 2)
Port consumption per day:	abt 0,80 mt GO per day

Heavy fuel oil IFO180, RMG180 – ISO8217-2010

MGO – ISO8217:2010E – Category ISO/F – DMA s.w. max 0,89

No GO at sea provided shaft generator connected except if hold ventilation is used, and in case of emergency and/or maneuvering in/out of ports and when navigation is shallow, narrow or other constraint waters.

TANK CAPACITIES:

HFO	: 261,3 cbm
MDO	: 76,15 cbm
Fresh water	: 58 cbm