



MV "KARKLOE"



MAIN PARTICULARS:

Flag : Liberia
 Port of registry : Monrovia
 Built: : Nov, 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. : 9518995
 P&I : UK P&I Club
 H+M value : USD 5 Mio

GENERAL DIMENSIONS:

GT/NT : 4.156 / 2.419
 DWT summer sw : abt 5.700
 DWT at 5,30 m : abt 5.350
 Draft fully laden sw : 5,90 m
 LOA : 106,01 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 6,75 m ballast,
 abt 4,35 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

MACHINERY:

Main engine/type : Yanmar Model 6EY26
 Power : 1.920 kw at 750 rpm
 Grade fuel used : IFO 180
 Auxillary/type : 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 IFOR180, 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