



MV ARA ANTWERPEN

MAIN PARTICULARS:

Flag : Gibraltar
 Port of registry : Gibraltar
 Built: : 2002, Netherlands
 Type : MPP vessel for generals, bulk, containers and heavy cargoes
 Class : GL
 Ice Class : 1A Finnish-Swedish Ice Class
 Call sign : ZDPG8
 IMO Nr. : 9240550
 P&I : North of England
 H+M value : EUR 5,5 mio



GENERAL DIMENSIONS:

GT/NT : 7752 / 3856
 DWT summer sw : 10.517 mts
 DWCC summer : abt 9.800 mts
 Draft fully laden sw : 7,361 m (summer)/ 7,21 m (winter)
 Draft ballast fore/aft : 4,40 m/ 5,90 m
 LOA : 145,63 m
 LPP : 138,82 m
 Beam : 18,25 m
 Depth moulded : 10,30 m
 Ballast air draft : 36,40 m
 Distance wl/hc : 12,90 m (ballast)
 TPC : 21,50
 Suez GRT/ NRT : 8016,82 / 7143,48
 Panama NRT : 6562

GEARS:

Cranes (starboard) : 2 x 60 mts, combinable
 Reach, capacity : 60 mt (4-16 m); 40 mt (3-26m)
 30 mt (3-28 m)

No spreader on board, lifting capacity is subject vessel's stability and depends on cargo/ballast on board

DECK STRENGTH:

Tanktop strength : 18,0 mts / sqm
 Tweendeck strength : 3,50 mts/ sqm
 Hatchcover strength : 1,75 mts / sqm

COMMUNICATION DETAILS:

Mobile :
 E-mail : araantwerpen@aragroup.nl
 Sat- phone :

HOLD PARTICULARS:

Grain capacity : 525.425 cft (14.878,36 cbm) - total
 508.708 cbf (14.405 cbm) - bss twd+BH in hold
 Holds/hatches : 2/2; boxshaped, openhatch
 Hold No 1 capacity : 5.147 cbm (BH in stowage pos)/5.409,06 cbm (no BH)
 Hold No 2 capacity : 9.258 cbm (BH in stowage pos)/9.469,30 cbm (no BH)
 Hold 1 (LxBxH) : 38,95 x 13,15 x 11,0 m, narrowing fore part
 Hold 2 (LxBxH) : 65,45 x 13,15 x 11,0 m
 Hatch 1+ 2 : 38,95 + 65,45 x 13,15 m
 Hatch covers : hydraulic folding + 2 pontoons
 Moveable bulkheads : 2 bulkheads (2 pcs each), 8 + 6 positions
 Hold ventilation : 10 air changes per hour, CO2 fitted
 Reefer plugs : 60 connections
 Tweendeck : 4 twd pontoons (each 5,5 m); ttl 297 sqm
 Height under/above twd : 5,23 m / 5,11 m;

CONTAINER DATA:

Container intake : 664 TEU ttl (310 FEU)
 362 TEU (deck) + 302 TEU (hold)
 Stack loads tanktop : hold TEU 100 ts/ FEU 120 ts (twd 25/40 resp)
 52° 57'23" deck TEU 25 ts/ FEU 48 ts

Intake is always subject vessel's stability, trim, permissible weight and is subject to regulations of visibility.

MACHINERY:

Main engine : MAK 9M32C - 4320 kW
 Auxiliary engines : 3 x 350 kW
 Shaft generator : 680 kW
 Bow thruster : 400 kW/ 544 HP
 Propeller : CPP
 Speed/consumption : abt 12,5 kn on abt 14,5 mt RMG 380 per day
 Port consumption per day : 1,5 mt MGO (idle) / 2,5 mt MGO (working)

HFO – ISO8217:2010e – Category ISO/F – RMG 380
 MGO – ISO8217:2005e – Category ISO/F – DMA

Speed and consumption figures are "about" and calculated basis sailing even keel on max Beaufort 3/ DS 3 and seawater temperature max 26 C.

No GO at sea provided shaft generator connected except if hold ventilation is used, reefers connected 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 : 627 cbm (incl day + settling tank)
 MGO : 60 cbm (incl day + settling tank)
 Fresh water : 76 cbm
 Ballast water : 4.887 cbm