



Schulte & Bruns

Nederland BV

52° 57' 23" 5° 56' 70"



MV AIRISTO

MAIN PARTICULARS:

Flag : Turku
Port of registry : Finnish
Built: : 2000, Netherlands
Type : General cargo ship
Class : GL
Ice Class : 1A Finnish-Swedish Ice class
IMO Nr. : 9213727
P&I : Gard

GENERAL DIMENSIONS:

GT/NT : 6154 / 3424
DWT summer sw : 8.737 mts
DWT winter sw : 8.460 mts
Draft summer sw : 7,05 m
Draft winter sw : 6,91 m
Draft ballast fore/aft : 3,40 m / 5,20 m
LOA : 132,20 m
LPP : 124,59 m
Beam : 15,87 m
Depth moulded : 9,65 m
Ballast air draft : 34,0 m
Distance wl/hc : abt 6.50 m (ballast)

DECK STRENGTH:

Tanktop strength : 15 mts / sqm
Hatchcover strength : 1,75 mts / sqm

HOLD PARTICULARS:

Grain capacity : 448.500 cbf total
Holds/hatches : 2/2; boxshaped, openhatch
Hold No 1 / 2 (grain) : 188.794/256.311 cbf
Hold 1 (LxBxH) : 39,96 x 13,20 x 10,89 m
Hold 2 (LxBxH) : 52,54 x 13,20 x 10,89 m
Hatch 1+ 2 : 39,96 + 52,54 m x 13,20 m
Hatch covers : pontoon
Moveable bulkheads : 2 bulkheads
Hold ventilation : 10 air changes per hour

CONTAINER DATA:

Container intake : 552 TEU
Hold 264 TEU+ Deck 288 TEU, loaded a 14mts
Stack loads tanktop : hold TEU 100 mts/ FEU 120 mts
hatches TEU 26 mts/ FEU 48 mts
Reefer plugs : 50 connections

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

MACHINERY:

Main engine : Wartsila NSD DIESEL - 4199 kW
Auxiliary engines : 390 kW
Shaft generator : 650 kW
Bow thruster : 500 kW
Propeller : CPP
Speed/consumption : abt 12,5 kn on abt 13,5 mt VLSF / MGO pd
Port consumption per day: 1,0 mt MGO (idle) / 1,4 mt MGO (working)

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 MGO 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:

VLSF : 464 cbm (incl day + settling tank)
MGO : 47 cbm (incl day + settling tank)
Fresh water : 70 cbm
Ballast water : 3.718 cbm