



MV EMERALD BAY

Brief Description

General

Vessel : MV Emerald Bay
Former Name : JA Frontier
IMO : 9385075
Built : 9 July 2008
Builder : Kanda Shipbuilding Co
Flag : Isle of Man
Port of Registry : Douglas

Class / Surveys

Class Society : DNV
Class Notation : 1A1 GENERAL CARGO CARRIER
TMON

Last DD : September 2015
Last SS : January 2013

Dimensions

LOA : 177.13m
LBP : 168.50m
Beam : 28.40m
Moulded Depth : 14.25m

Tonnages

NRT : 10,947
GRT : 20,242
Suez Net : 18825.81
Suez Gross : 20559.27

Holds / Hatches : 5 holds / 5 hatches

Hatch Sizes : 1 13.6m x 15.8m
2,3,4 20.8m x 24.0m
5 19.2m x 24.0m

Grain & Bale Capacities

Grain : 42,595 m3
Bale : 41,124m3

Tank Top Strength : 15.0T/m²

Design Loads

No. 1-5 Cargo Hold : 15MT/m²

Hatch Cover Strength

Hatch No. 1 : NA
Hatch No. 2 : NA
Hatch No. 3-4 : NA
Hatch No. 5 : NA

VESSEL CANNOT LOAD ON DECK OR HATCH COVERS

Loadline Information

Loadline	TPC	Freeboard	Draft	DWT	Displacement
Summer	43.84	4.292	10.020	32,258.01	39,677.82
Winter	43.66	4.500	9.812	31,346.22	38,766.03
Tropical	44.0	4.084	10.228	33,173.44	40,593.25

TPC at Summer Draft : 43.84

Cargo gear description : 4 hydraulic cranes x 30 tonnes SWL (Max out reach 22m radius)

Engine Room

Main Engine : Kobe Diesel 6UEC52LA

Fuel Used for Propulsion : HFO 380 cst RMG35

Fuel Used for Generating Plant : HFO 380 cst RMG35

Fuel Used for Incinerator : LSMGO

▪ CO2 Fitted in Holds