

Alcyone

MEDIUM TANKER



DESCRIPTION

Description :	Oil tanker, Chemical tanker
Built :	2022 built by Hyundai Mipo Dockyard / South Korea
IMO N° :	9929819
Flag :	France
Port of Registry :	Marseille
Call sign :	FMSF
Class :	"Lloyd's Register : +100A1, Double Hull Oil and Chemical Tanker, Ship Type 2 and Ship Type 3, CSR, ESP, ShipRight (ACS(B), CM), LI, *IWS, SPM4, ECO(VECS-L), +LMC, IGS, UMS, BWTS, EGCN(SCR) Descriptive Note : ETA, COW(LR), ShipRight (BWMP(T, S), SCM, SERS, IHM-EU+, DIST(M, AB, I, IG))"
Register N° :	RI 937715F
Hull N° :	2858

MAIN CHARACTERISTICS

Length overall :	183,06 m
Length BP :	175,15 m
Moulded breadth :	32,20 m
Moulded Depth :	19,20 m
Interntl gross tonnage :	29 507
Interntl net tonnage :	13 738

MARKS	FREEBOARD	DRAFT	DEADWEIGHT
Summer :	5,871 m	13,258	49,990 t
Winter :	6,147 m	12,928 m	48,521 t
Tropical :	5,595 m	13,534 m	51,467 t

MACHINERY

Main Engine :	1 Diesel engine MAN-B&W 6G50 ME-C9.6 (two stroke) - Total power 7180 kW / 9755 Bhp x 86,9 rpm driving one fixed pitch propeller
Electric Power :	3 Diesel alternators 3x 800kW 1 Emergency generator 1x 150kW
Bow Thruster :	1 bow thruster - 900 kW /1222 Bhp
Boilers :	1 Oil fired boiler (Kangrin) + 1 Exhaust gas boiler (Mission XW)

CARGO

Cargo Tanks :	12 cargo tanks + 2 slop tanks & 1 residual tank (total capacity 53320m3 at 98%)
Segregation :	8 grades of products can be carried with double valve segregation Total cargo discharge rate : 3600 m3/h (SG=0,75) - Total cargo loading rate : 760 m3/h on 6,0 m/s

Cargo Heating :	Heating coils in stainless steel SUS 316 L ERW, Sch 10S JIS 40A in all cargoes and slop tanks Cargo temperature maintained at 60°C
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Cargo Pumps :	14 FRAMO deepwell centrifugal cargo pumps hydraulically driven 12 x 600 m3/h at 125 mTH (S.G. 0.75) - 2 x 300 m3/h at 125 m (S.G. 0,75)
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Tank Coating :	Cargo tanks: Phenolic epoxy - Ballast tanks: Solvent free epoxy
Ballast :	Capacity 20400 m3 (including peak tanks) - Segregated ballast in double hull. - Ballast water treatment system plant

Tank Cleaning:	Fixed tank cleaning system for crude oil, sea and fresh water washing in each cargo tanks and slops 1 x cargo tanks portable tank cleaning machine 1 tank cleaning pump, hydraulically driven, 100 m3/h at 120 m wc
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Cargo control:	Remote ullage reading by radar beam type Independant high and overflow level alarms - Cargo tanks pressure and temperature remote reading in C.C.R.
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Cranes:	1 hydraulic hose handling crane (upper deck, centre) : 10 t 1 electric provision crane : 3,2 t 1 engine room crane : 2,5 t
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