

SOCATRA
Sedna
 SMALL TANKER



DESCRIPTION

Description :	Oil tanker, Chemical tanker
Built :	2019 at Shipyard AVIC DINGHENG / CHINA
IMO N° :	9837353
Flag :	France
Port of Registry :	Marseille
Call sign :	FLWJ
Class :	BUREAU VERITAS : I + HULL, + MACH, Oil Product / Chemical tanker IMO 2, ESP, Unrestricted navigation, AUT-UMS, AUT-PORT, SYS-NEQ, MON-SHAFT, INWATERSURVEY, CLEANSHIP, VCS, GREEN PASSPORT, ERS-S, IG, AVM-APS, SPM
Register N° :	34168R
Hull n° :	AD0033

MAIN CHARACTERISTICS

Length overall :	116,00 m
Length BP :	113,50 m
Moulded breadth :	18,00 m
Moulded Depth :	9,20 m
Interntl gross tonnage :	5 783
Interntl net tonnage :	2 632
Deadweight :	abt 7950 T

MARKS	FREEBOARD	DRAFT	DEADWEIGHT
Summer :	1,684 m	6,743 m	6,930.0 T
Winter :	1,824 m	6,603 m	6,694.5 T
Tropical :	1,544 m	6,883 m	7,167,4 T

MACHINERY

Main Engine :	Mak 6M32E 3300kW x 750rpm (Tier III) Controllable pitch propeller
Electric power :	3 x 595kW x 1800 rpm A.C three phases, 450V, 60Hz.
Bow Thruster :	One (1) electric driven, CPP tunnel thruster, rated capacity 400 kW, 4 bladed, Ni-Al bronze
Rudder :	Flap Becker type
Boilers :	<ul style="list-style-type: none"> • Two (2) Oil-fired thermal oil heaters, in principle each one covering 50% of the maximum heat request. i.e. 2100 kW each, • One (1) exhaust-gas heated thermal oil heater of 600 kW power with ME running at 90% MCR

CARGO

Stern manifold :	1 stern discharge manifold (IMO 2 products) with hose handling crane capacity 1,5Tons
Cargo Tanks :	12 cargo tanks + 2 slop tanks (total capacity abt. 9,200 m3 at 100%)
Segregation :	<ul style="list-style-type: none"> • Six (6) COT + one(1) slop • Simultaneous discharge of six (6) grades via separate pumps, and manifolds. • Simultaneous loading of six (6) grades over manifolds and direct drop lines to cargo tanks.
Cargo Heating :	Two (2) Cargo heating medium pressurized hot water, heat exchanger with thermal oil system. Maintaining temperature: Cargo full load, HFO Maximum holding temp. 70°C Ambient air temp.+2°C Seawater temp. +5°C Temperature rising: Cargo full load, HFO Full cargo tanks: from 44°C to 70°C in 96 hours Full slop tanks: from 15°C to 70°C in 24 hours Ambient air temp. +2°C Seawater temp. +5°C
Cargo Pumps :	Twelve (12) submerged centrifugal pumps, capacity : 200m3/h each. Design pumping criteria pressure head: 110mLc at pump outlet with cargo S.G. 0.8 t/m3, 1.0 cst -Maximum discharge rate 1200m3/h at 110mLc, S.G. 0.8 t/m3, 1.0 cst -Maximum loading rate Total 1800 m3/h, 300m3/h per tank
Tank Coating :	Cargo tanks: Phenolic epoxy - Ballast tanks: Tar free epoxy
Ballast :	Capacity abt. 3,000 m3, Segregated ballast in double hull. Ballast water treatment sytem plant
Tank Cleaning:	Two (2) fixed programmable tank cleaning machines for each cargo tank and one(1) for each slop tank
Cargo control:	Radar type for pressure and temperature with remote readout in C.C.R. for each cargo and slop tank
Cranes:	1 hose handling crane Type Cylinder luffing and slewing crane Capacity 5 tons at 14.5m meters jib