MT ICS TENACIOUS



INCO SHIPS

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CLASSIFICATION
DNV/48899

*HULL*MACH, 1A Tanker for Oil Products with flashpoint >60C BIC COAT—PCPC (b) ESP, Recyclable TMON (Open loop water) *IWS,

Unrestricted Navigation

IMO numbers	9956721
Builder	Zhejiang Sunshine Heavy Industry
Year Built	2023
Flag	Bahamas (Nassau)

MEASUREMENT

Length Overall	102.6m
Length BP	97.55m
Breadth Moulded	19.0m
Depth Moulded	9.3m
Max Draft	7.3m

TONNAGE

Deadweight (preliminary)	8,354T
GRT	4,903T
NRT	2,465T

MANOEUVERING & PROPULSION SYSTEM

Main Engine	2 x Yanmar Japan 6EY22AW/1200Kw/900RPM MCR
Total BHP	3,264 BHP
Propeller	5B Fixed Pitch Propeller, Diam 2350mm Twin Screw
Bow Thruster	1 x 500kW
Stern Thruster	1 x 380kW

ELECTRIC POWER GENERATION

Main Generator c/w

3 x Yanmar Japan 6AYL-WET 50kWe/1500rpm/415V/50Hz/3PH

Emergency Generator Alternator

1 x Cummins 6BTA5.9-GM 75kWe/1500rpm/415V/50Hz

STORAGE CAPACITY

Cargo oil	8,569.60 m^3
Cargo + Slop	8,908.22 m^3
MDO	231.30 m^3
Potable Water	158.40 m^3

GRADES OF CARGO (FLASH POINT >60°C)

Type	Marine Distillate Fuels
Category	MGO & MDO
Density @ 15°C (kg/m^3)	890
Kinematic Viscosity at 40c	1:50 (Min); 6.00 (Max)
Discharge	1 x4 50 m^3/hr @ 12 bar

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Type	Residual Fuel
Category	VLSFO
Density	911
Kinematic Viscosity @ 50c	9.27 (Min)
Discharge	1 x 1000 m^3/hr @ 12 bar

Type	Residual Fuel
Category	HSFO 380
Density	991

Cargo Oil Tanks	Capacity
No1 CARGO OIL TK (P)	750.50
No1 CARGO OIL TK (S)	754.89
No2 CARGO OIL TK (P)	886.56
No2 CARGO OIL TK (S)	888.44
No3 CARGO OIL TK (P)	891.77
No3 CARGO OIL TK (S)	893.26
No4 CARGO OIL TK (P)	892.10
No4 CARGO OIL TK (S)	893.47
No5 CARGO OIL TK (P)	861.70
No5 CARGO OIL TK (S)	856.92
SLOP TK (P)	169.21
SLOP TK (S)	169.40
TOTAL	8908.22

DECK EQUIPMENT

Anchor Windlass	2 x 106kN Jiangsu Haitai 106kN
Anchor Chain	20 mm x 9 shackles each side
Anchor (Bow)	2 x 3,300kg, Hall Type
Mooring Winch FWD	1 x Wuxi 227JN60Y-00SM,50kN
Mooring Winch AFT	2 x Jiangsu Haitai YB50/0.25, 50kN
Provision Crane	1 x 0.75T SWL Outreach 4m from shipside
Hose Flowboom	1 x 2T x 25.0m flowboom type
Fender	2

NAVIGATION AND COMMUNICATION EQUIPMENT

GMDSS (Area 3)

EPIRB	1 x Cospas Sarsat 406
SART	1 x CY-Sart
Navtex Receiver	1 x Furuno NX-700
Portable GMDSS VHF	1 x Furuno FM8500
Inmarsat	1 X Furuno Felcom 18
Radar	1 X Furuno FAR-2328/23385-NXT
ECDIS	1 x Navi Sailor
Gyrocompass	1 x YDK Tech CMZ900S
Magnetic Compass	1 x Saura Kaiki SR-165
Auto Pilot	1 x YDK Tech PT900D-K-N2-2S
GPS	1 x Furuno GP-170
Echo Sounder	1 x Furuno FE-800
Speed Log	1 x Furuno DS-80
AIS	1 x Furuno FA-170
VDR	1 x Furuno VR-7000

FIRE FIGHTING & ANTI POLLUTION EQUIPMENT

G.S Fire Pump	1 x 65m^3/hr @ 60 m head
Emergency Fire Pump	1 x 50 m^3/hr @ 45 m head
Foam Water Pump	1 x 100/200 m^3/hr @ 85/35m
Foam Applicators	4 x 480 L/min
Monitor (foam)	4 x 1606 L/min

SAFETY EQUIPMENT

Life Raft	2 x 20 persons
Life Boat	1 x 20 persons
Rescue Boat	1 x 6 persons

MISCELLANEOUS

Oily Water Seperator 1 x Taiko USH-10 15 ppm OWS, 1.0m^3/hr

Sewage Treatment 1 x 25 persons, Taiko SH-25

Ballast Water	Cosco Shipping (Weihai) BOS500 500m^3/hr x 0.7MPa
Cargo Pump:	2 x Taiko Kikai Screw Type CSE-1000A/500m^3/hr x0.98 MPa
MGO Pump:	1 x Taiko Kikai Screw Type CSL 500p/450m^3/hr X 0.98MPa

Please note—Details are believed to be correct, but are not guaranteed