

Nome unità:

**IEVOLI
STAR**

Categoria:

CHIMICA



MAIN FEATURE

SHIPYARD	DEARSAN SHIPYARD
DELIVERY	SEP 18,2003
IMO NUMBER	9221786
PORT OF REGISTRY	VALLETTA
NUMBER OF REGISTRY	09583
INTERNATION CALL SIGN	9HDX8
CLASSIFICATION SOCIETY	BUREAU VERITAS
CLASS	I+HULL+OIL TANKER+ESP+CHEMICAL TANKER+UNRESTRICTED NAVIGATION+AUT UMS
PRODUCTS TO BE CARRIED OUT	Oil / Chemical Tanker Imo II
DEADWEIGHT	6663.6 Metric Tonnes
CORRESPONDING DFRAFT	6.784 Metres
GROSS TONNAGE	4430
DISPLACEMENT	9207.40 Metric Tonnes
LIGHT SHIP	2547.712 Metric Tonnes
MEDIUM SPEED	12.4 Kts
INTERNATIONAL CONVENTION AND RULES	Ship built in compliance with conventions and rules presently in force

DIMENSION AND CAPACITIES

HULL STRUCTURE	Double hull
HULL PROTECTION	Imprinted current + TBT Free Self Polishing Copolymer Antifouling Coating
LENGTH OVER ALL	113.5m
EXTREME BREADTH	16.9m
MUDULED DEPTH	8.4m
NUMBER OF CARGO TANKS	12 Cargo Tank + 1 Slop Center + 2 Deck Tank
CAPACITY 100% OF CARGO AND SLOP TANKS	7528.34 cbm(Incl. Deck Tanks)
NUMBER OF SLOP TANKS	3
NUMBER OF SEGREGATED BALLAST TANKS	13
CAPACITY 100% OF SEGREGATED BALLAST TANK	2515.55 cbm

CARGO AND BALLAST SYSTEM

CARGO TANKS, SLOP TANKS AND SLUDGE TANKS	MarineLine
EQUIPMENT OF CARGO SYSTEM	SS AISI 316, Pipe and valves of the cargo and slop system, butterworth pipes and fixed cargo tanks washing machines, tank ladders, tank gauges, ventilation lines
SEGREGATED BALLAST TANKS COATING	Epoxy
CARGO PUMPS BUILDER	Hamworthy KSE Svanehoj Deepwell Pump
LOCATION OF CARGO PUMPS	One in each tank
KIND OF CARGO PUMPS	Centrifugal deepweel variable speed
NUMBER OF CARGO PUMPS	13
CARGO PUMPS CAPACITY	Cts 1 Wings and Slop C : 125cbm/h – Cts 2-3-4-5-6 Wings : 200 cbm /h

HEAD OF CARGO PUMPS	80 mlc max
NUMBER OF SLOP PUMPS	SLOP C – 1, DECK TANKS PORT & STBD - 1
KIND OF SLOP PUMPS	Centrifugal deepweel variable speed
CAPACITY OF SLOP PUMPS	70 cbm/h
NUMBER OF INCOMPATIBLE CARGOES	13
MAXIMUM CAPACITY OF DISCHARGE	800 cbm/h
MATERIAL OF CARGO PIPES	Stainless stell
NUMBER OF CARGO LINES, AMIDSHIP	13
NUMBER/DIAMETER CARGO MANIFOLDS, AMIDSHIP	13x6", 2x10"
NUMBER/DIAMETER STERN CARGO MANIFOLDS	1x6"
MATERIAL OF CARGO VALVES	Stainless stell
NUMBER/DIAMETER SLOP MANIFOLD AMIDSHIP	1x4"
VAPOUR RETURN	1x6"
NUMBER OF SEGREGATED BALLAST PUMPS	2
KIND OF SEGREGATED BALLAST PUMPS	centrifugal
CAPACITY OF SEGREGATED BALLAST PUMPS	2x250 cbm/h , 3.0 bar
REMOTE CONTROL OF CARGO/BALLAST VALVES	Electro-hydraulic
CARGO CONTROL ROOM WITH "LOAD MASTER" CARGO/BALLAST HANDLING	cargo control room: for control and check of all functions combined with handling of cargo, slop and segregated ballast, washing/heating of tanks, trim and ship's safety; cargo/ballast handling from CCR: through computer; system for level/temp./press. Remote reading: "SAAB RADAR", system for cargo level reading: microwaves; system for cargo temperature reading: 2 sensors in each tank (Top and bottom)

MACHINERY

TRADE MARK OF THE MAIN ENGINE	MAN B&W 5S35MC
POWER OF M/E (KW)	3700
CORRESPONDING REVOLUTION	173
TYPE OF M/E FUEL	IFO / DO
GENERATORS	3 X MAN D2842LE , 421Kw

	EDG MAN D2866TE , 170kW
TYPE OF BOILERS	GARIONI
MAIN BOILERS	2 X TH1500 , CAP. 1744kW
EXHAUST GAS BOILER	TH-EG 275 , CAP. 275kW

EQUIPMENT AND SYSTEMS

CARGO HEATING SYSTEM	PRESSURIZED WATER HEATING-COILS
HEATING COILS MATERIAL IN CARGO TANKS	Stainless steel
NUMBER OF FIXED CARGO TANKS WASHING MACHINES	26
INERT GAS SYSTEM	N/A
GENERATOR FOR THE PRODUCTION OF NITROGEN	DEMO COMP.DN2 100 , POWER 1750kW
CONTROLLABLE PITCH PROPELLER	MAN B&W 5S35MC
BOW THRUSTER	ROLLS-ROYCE ULSTEIN TRANSVERSE 45TV 300kW

DECK MACHINERY

NUMBER OF CRANES FOR CARGO HOSES	1
TYPE OF DECK MACHINERIES NUMBER OF ANCHOR DRUMS WINDLASS	2 X GD.AW-8001.AP COMBINED ANCHOR & MOORING WINDLASS
NUMBER OF MOORING DRUMS	2 X GD.MW-6001.AP MOORING WINCH
LIFE BOAT	1

OTHER TANKS CAPACITY

MAX IFO CAPACITY	361.57 M3
MAX MGO CAPACITY	71.18 M3
MAX. CAPACITY SLUDGE TANK	10.04 M3
MAX. CAPACITY BILGE TANK	12.17 M3
MAX FW TANK CAPACITY	DrnkP:19.08 cbm + DrnkS: 19.08 +APT :58.48 cbm-Total:96.64 cbm
MAX INDUSTRIAL WATER CAPACITY	127.8 M3

NAVIGATION INSTRUMENTS



RADIO AND NAVIGATION EQUIPMENT	Maris ECDIS(2), Autopilot ,Radar/ARPA (X-S Band), G.P.S x2 ,Gyro Compass x1 ,Magnetic Compass x1, Echo Sounder ,Speed Log, Full GMDSS Console viz- MF-HF – VHF x 2 , SATC x 2. ,A.I.S , Navtex ,BNWAS, VSAT ,LRIT.
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