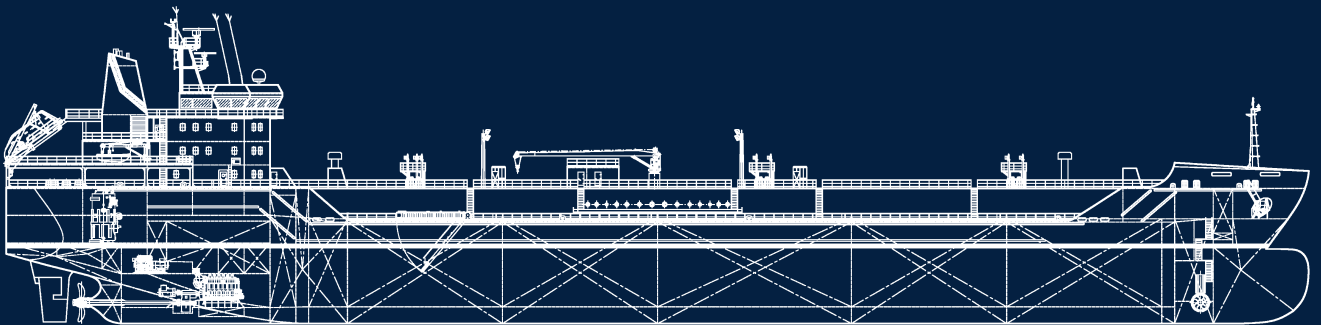




# M/T SARACENA

20.500 DWT - TWIN SCREW DIESEL DRIVEN OIL CHEMICAL TANKER  
ICE CLASS 1A - RINA CLASS



MEDITERRANEA DI NAVIGAZIONE S.P.A.

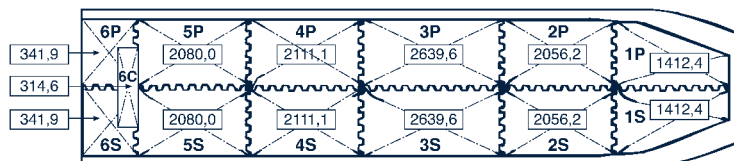


IMO	9334325
Call Sign	I.B.V.S
Type of Vessel	IMO II
Year Built/Shipyard	2007 – Celik Tekne Tuzla (Turkey)
L.O.A.	m. 155,20
L.B.P.	m. 144,20
Breadth	m. 25,60
Moulded depth	m. 12,10
Summer Draft	m. 8,88
Summer D.W.T.	tonn 20.500
Gross Tonnage	tonn 14.701
Net Tonnage	tonn 6.228
Type of tank coating	International Interline 904
Class Register	Rina
100% Cargo tanks (with recovery and slop)	m3 21.596,85
98% Cargo tanks (with recovery and slop)	m3 21.164,9
100% Slop tank capacity (6P/6S)	m3 683,72
100% recovery tank capacity (6C)	m3 314,56
100% Segregate Ballast	m3 10.331,12
Max cargo specific gravity	1,54 t/ m3
Vapour return line manifold	4 x 4" midship – 1 x 4" stern
100% Bunker capacity	F.O. m3 971,53 G.O. m3 194,35
100% Fresh water capacity	m3 148,55
Tank segregations	8 (6 + slops + rec)
Service speed	14 Kts
Main Engine	2 x CATERPILLAR 6M32C x 3000 Kw
Propeller system	2 x controllable pitch
Diesel generator	2 x 530 Kw at 1200 rpm YANMAR
Shaft generators	2 x 1700 Kw
Boilers	2 x 8000 Kg/h steel prod. – oil fired
Economizer	2 x 800 Kg/h
Bow Thruster/Stern Thruster	Bow 750 Kw
Max discharging rate	2.300 m3 /h max
Tank level / temperature system	Saab Rosemont Radar System
Cargo heating	Steam System - Stainless steel coils
Cargo tank cleaning system	COW fixed type with 1 line fresh water and 1 line sea water
Fixed Gas Detection System	Consilium (L.E.L – O2 – H2S)
I.G.S.	3.000 m3 h
N2	1600 m3 /h
Cargo lines and valves materials	Stainless steel
Stern lines	2 x DN 250 + 1 x VRL
Cargo pumps	FRAMO submerged Hydraulic Single stage Centrifugal 10 x 385 m3 /h @ 120 mlc 3 x 150 m3 /h @ 120 mlc
Cranes	1 x 10 tonn for cargo hose @ midship - 1 x 2.5 tonn for service @ aft –
Class notation	C* oil tanker ESP - double hull ; chemical tanker ESP - @ AUT-PORT; @ AUT-UMS; @ AVM-DPS; CARGOCONTROL; FATIGUE LIFE (30); GREEN STAR 3; ICE CLASS IA; INWATERSURVEY; PMS; STAR-HULL-NB; @ SYS-NEQ-1; VCS; WINTERIZATION (temp) -35 °C

WEIGHT PER INCREMENT OF IMMERSION (t/cm)	DISPLACEMENT (t)	IMMERSIONS (m)	DEADWEIGHT	
			SEA WATER (t)	FRESH WATER (t)
35,5	32500	10,0	25000	25000
	32000			24000
	31500			24000
	31000			24000
	30500			23000
35,0	30000	9,0	23000	22000
	29500			21000
	29000			21000
	28500			21000
	28000			20000
34,5	27500	8,0	20000	19000
	27000			19000
	26500			18000
	26000			18000
	25500			17000
34,0	25000	7,0	17000	16000
	24500			15000
	24000			15000
	23500			14000
	23000			14000
33,5	22500	6,0	15000	14000
	22000			13000
	21500			13000
	21000			12000
	20500			12000
33,0	19500	6,0	12000	11000
	19000			11000
	18500			10000
	18000			10000
	17500			9000
32,0	17000	6,0	10000	10000
	16500			9000
	16000			9000
	15500			

All technical details are deemed to be correct but not guaranteed

SEGREGATIONS: 98% Vol



1P/S =	<b>2.768,3</b>
2P =	<b>2.015,0</b>
2S =	<b>2.015,0</b>
3P/S =	<b>5.173,6</b>
4P/S =	<b>4.137,8</b>
5P/S =	<b>4.076,8</b>
6P/S =	<b>670,1</b>
REC. =	<b>308,3</b>
<b>TOTAL=</b>	<b>21.164,9</b>