



GENERAL	
Name	m/t Orarose
Call sign	5BMU2
Flag	Cyprus
Home port	Limassol
Built	2008
Class notation	Oil tanker ESP; Chemical tanker ESP, Unrestricted navigation, AVM-APS; AUT-UMS; MON-SHAFT; ICE CLASS IC; INWATERSURVEY
IMO number	9402689
Trading area	World wide
Gross tonnage	3953
Nett tonnage	1940
Deduction, SBT	3301
Hull	Double sides, double bottom
MAIN DIMENSIONS	
Summer dw.a.t.	7050
Winter dw.a.t.	6947
Lenght o.a.	103.00 m
Breadth	16.00 m
Draft summer	7.00 m
Air draft, ballast condition	24.31 m
Bunker capacity fueloil	300 cbm
Bunker capacity diseloil	72 cbm
Ballast water capacity	2569.7 mt SW
TPCM	14
TANK LAYOUT	
Total cap., cargo tanks basis 98 pct filling	6773 cubm including Slop Tanks
Cargo tank layout	12 Epoxy Coated wing tanks
Max. S.G.	S.G. up to 1.025, S.G. up to 1.46 with maximum partial filling of 70 pct of tank height.
Seperate slop tank	no
Manifold to deck	2,35 m
Manifold to stern	48.4 m
Manifold to bow	54.2 m
Manifold to rail	2.20 m

TANK SIZE	
1 port 100% / 98 % cbm	449.9 / 440.9
1 stb 100% / 98 % cbm	443.2 / 434.3
2 port 100% / 98 % cbm	583.9 / 572.2
2 stb 100% / 98 % cbm	589.4 / 577.6
3 port 100% / 98 % cbm	608.1 / 595.9
3 stb 100% / 98 % cbm	604.1 / 592.0
4 port 100% / 98 % cbm	602.8 / 590.7
4 stb 100% / 98 % cbm	609.1 / 596.9
5 port 100% / 98 % cbm	609.0 / 596.8
5 stb 100% / 98 % cbm	604.1 / 592.8
6 port 100% / 98 % cbm	541.6 / 530.8
6 stb 100% / 98 % cbm	543.3 / 532.5
slop port 100% / 98 % cbm	56.5 / 55,4
slop stb 100% / 98 % cbm	56.6 / 55.5
CARGO HANDLING	
Segregation	3 grades complete segregation by use of separate pumps and lines. 7 grades segregation by use of double valves, but lines and pumps in common.
Cargo pumps	3 twin-screw elctric driven controlled by means of a frequency converter. Capacity 51o cbm/hr at 8 bar
Loading rate	1200 cbm7hr
Discharging rate	1500 cbm7hr
Loading by sucking	No
Heating capacity	Maintain 80 deg c.
Cargo lines	10" dia cargo lines from each tank to pumproom. 8" dia lines from pumproom to deck manifolds. Cargo lines of stainless steel.
Reducers	8/6 inch ; 6/4 inch
Vapour system	Yes - single return line.
Oil monitoring system	VAF INSTRUMENTS B.V. - Oilcon Mark 6M
Gauging	Closed - Radar system
Derricks / Cranes	Crane - SWL 1 T, 3.7-16 m
MAIN AND AUX MACHINERY	
Main engine	MAK 8M25, 2640 KW
Propeller	CPP
Bowthruster	Yes - 300 KW
Auxiliary engines	2 x 420 KW + Emergency Generator 200 KW
SPEED / CONSUMPTION	
loaded condition	12.0 kn / ME - 11 mt, A/E - 1 mt, Boiler - 3 mt
ballast condition	13.0 kn / ME - 10.7 mt FO, A/E - 0.9 mt MDO
in port working	ME - 10.4 mt FO, A/E 0.9 MDO
in port idle	ME - 8-9 mt FO, A/E - 0.9 mt MDO

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