



| GENERAL | |
|--|---|
| Name | M/T ORANESS |
| Call sign | OWAB2 |
| Flag | Danish |
| Home port | Svendborg |
| Built | 1985 |
| Class notation | DNV + 1A1 RO ICE-1B Tanker for chemicals with FP above 60 dgr C ESP HC E0 |
| IMO number | 8416786 |
| Trading area | Summer: world wide, Winther: max 250 nm from shore |
| Gross tonnage | 1804 |
| Nett tonnage | 809 |
| Deduction, SBT | 323 |
| Hull | Double sides, double bottom |
| MAIN DIMENSIONS | |
| Summer dw.a.t. | 2586 |
| Winter dw.a.t. | 2495 |
| Lenght o.a. | 78,63 m |
| Breadth | 12,60 m |
| Draft summer | 4,79 m |
| Air draft, ballast condition | 21,5 m |
| Bunker capacity fueloil | N/A |
| Bunker capacity diseloil | 73 mt |
| Ballast water capacity | 1237 cbm |
| TPCM | 9,3 |
| TANK LAYOUT | |
| Total cap., cargo tanks basis 98 pct filling | 2906,9 cbm |
| Cargo tank layout | 10 Marine line coated tanks |
| Max. S.G. | S.G. up to 1.73 with full tanks |
| Seperate slop tank | Yes |
| Manifold to deck | 3,1 m |
| Manifold to stern | 28,6 m |
| Manifold to bow | 50,0 m |
| Manifold to rail | 3,3 m |

| TANK SIZE | |
|-------------------------------|--|
| 1 port 100% / 98 % cbm | 289 / 283 |
| 1 stb 100% / 98 % cbm | 287 / 281 |
| 2 port 100% / 98 % cbm | 300 / 294 |
| 2 stb 100% / 98 % cbm | 303 / 297 |
| 3 port 100% / 98 % cbm | 302 / 296 |
| 3 stb 100% / 98 % cbm | 300 / 294 |
| 4 port 100% / 98 % cbm | 300 / 294 |
| 4 stb 100% / 98 % cbm | 302 / 296 |
| 5 port 100% / 98 % cbm | 291 / 285 |
| 5 stb 100% / 98 % cbm | 292 / 286 |
| slop port 100% / 98 % cbm | 76 / 74 only 1 slop tank |
| CARGO HANDLING | |
| Segregation | 3 grades complete segregations by use of separate pumps and lines. 6 grades segregation by use of double valves but lines and pumps in common. |
| Cargo pumps | 3 screw pumps designed capacity each at 250 m ³ /h against 6 bar b/p. Vessel able to suck cargo onboard <u>by using own pumps.</u> |
| Loading rate | 400 cbm/hr |
| Discharging rate | 400 cbm/hr |
| Loading by sucking | Yes |
| Heating capacity | Maintain 70 deg c. |
| Cargo lines | 8" dia cargo lines from each tank to pumproom. 8" dia lines from pumproom to deck manifolds. Cargo lines of <u>stainless steel.</u> |
| Reducers | 8/6 inch ; 6/4 inch |
| Vapour system | N/A |
| Oil monitoring system | N/A |
| Gauging | open air / by hand |
| Derricks / Cranes | N/A |
| MAIN AND AUX MACHINERY | |
| Main engine | Mak diesel designed max output 1300 KW |
| Propeller | gear box |
| Bowthruster | Yes - 110 KW |
| Auxiliary engines | 2 of Volvo Penta each 120 KW |
| SPEED / CONSUMPTION | |
| loaded condition | 10,3knots abt. 5.00 mts GO |
| ballast condition | 10,7knots abt. 5.00 mts GO |
| in port working | abt. 0.40 mts GO |
| in port idle | abt. 0.20 mts GO |

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