



UK MARINE TRAINING CENTRE (UMTC)

SAI POOJA BUILDING, SHOP NO. 4, PLOT NO. 36, SECTOR - 34. KAMOTHE, NAVI
MUMBAI - 410 209 MAHARASHTRA, INDIA.

EMAIL : umtcindia1234@gmail.com | PH : +91 9673855053, +91 7021406134

Class 1 Oral's Question

Date: 28 March 2023

Surveyor: Andrew Dewar

Candidate: Keith

Time: 1Hr 40 MINS

1. Chief Engineer responsibility.
2. All statutory certificates.
3. IOPP certificate and Annex 1, asked validity and when to know when survey and audit is due.
4. IAPP certificate, what all surveyor would like to see for renewal.
5. NOx technical file in detail.
6. EEDI in detail.
7. SEEMP in detail, Mentioned CII was happy.
8. BDN in detail, emphasized on declaration by supplier.
9. Asked about Sox and fuel used in ECA and SECA.
10. Scrubber functionality, Open and Closed loop and emission limits. Turbidity, pH, PAH, SO₂/CO₂ ratio for 0.1% and 0.5% compliance.
11. Oil record book entry and asked if familiar with Electronic ORB.
12. Boiler survey in detail
13. How to know thickness of shell plate and allowable wastage . (Class approved third party ultrasonic gauging and allowable wastage is 20-30%)
14. Shell and tube type heat exchanger survey and allowable blockage/Damage of tubes. (15-20%)



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15. Drydock/Survey intervals.
16. Shell and tube type heat exchanger survey and allowable blockage/Damage of tubes. (15-20%)
17. How ICCP works
18. Went into details of Anodes. Asked if anodes is 80% wasted at 3years and 50% wasted what to do. Wanted to know about 3 and 5 year anode scheme.
19. How does Antifouling paint work. (was happy with self-release paint)
20. Asked about how to know how much anti-fouling paint to put. (there is a 3 and 5 yearly scheme)
21. Asked about immediate inspection in drydock as soon as the vessel is out of water.
22. What will happen if rudder is full of water.
23. Working of CPP propeller.
24. Before flooding drydock on walk around inspection what to check. (wanted to hear about docking plugs, rudder drain plug, locking plate on CPP propeller nut, sea chest grating.)
25. Asked how sea chest grating is secured. (wanted to hear Locking wire)
26. Wanted to know about CPP blade securing to propeller boss.
27. Asked how is the depth of water below the hull checked. (echosounder)
28. Asked what other sensor is there. (Speed sensor)
29. Asked if it senses STW or SOG and wat is the difference between the both.