



UK MARINE TRAINING CENTER (UMTC)

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

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Class 1 Orals Question

Candidate: Nidhin Ramdas

Examiner-Paul Gibbins (Aberdeen)

Date-11.01.2023

Duration- 55 min

1. Type of Ship sail was it Gas engine?
2. How will you take over as CE on a new ship and new company. Outgoing CE is only having 2 hrs to hand over.
3. What all documents and certificate will you check
4. What is PMS, what will you check for
5. What is CSM
6. How can you know if survey is due
7. Shared DOL reversible turning gear electric circuit diagram and asked me to explain everything on it.
8. What is the difference in fuses on power and control circuit, what is transformer, contactor coil, contacts, OCR reset button, Start and Stop switch, interlock, Safety etc.
9. If there is OCR then why do we need fuses.
10. Why fuse does not blow during starting of motor
11. How do you know DD is due and regulation
12. What 2 important plans will you send to before DD
13. What is there on shell expansion plan and docking plan
14. What will you check in the stern in DD
15. What and how will you measure on rudder and stern tube bearing and tail shaft
16. How to repair propeller and what will you check
17. How to fix if there is crack on the root, tip of the blade of prop.
18. What will you check on CPP
19. What will you check on rudder how will you know the integrity
20. What and how much is the air press and water head pressure to test the rudder.



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21. What is special on ship side valve and what check and test done
22. Shore connection how to connect and what to check
23. How to know if phase is correct what check will you do to know if its current
24. You found a broken vent is it ok?
25. List all certificates
26. What is the validity and interval of safety construction certificate
27. What is certificate of class
28. What is DOC, SMC
29. Bunker calculation from Santos to Rotterdam, what all will you check
30. What is regulation for sulfur, NOX, CII, SEEMP Part 3
31. What is different in different grades of cyl Lub oil, what will happen if you use wrong oil
32. Capt called and said ship rudder is not moving wt will you check with full details (he was looking for hydraulic lock and DCV and relief valve leaking)
33. All unit exh gas temp is high wt are all the reasons and how will you fix it
34. How do you know engine is overloading
35. What is indicator card, Load dig, propeller curve, SFOC, CCAI no.
36. How do you do TC clearing
37. Boiler water test and what chemical do you use and why?
38. Boiler Survey and what to check

Q. are not in order and he moved on to other Q. if he feels that I know the ans well or if he got the points that he was looking for. He gave situation and not direct Q. I got stuck in two Q. but he guided me towards the right ans but one should get it. Study well and be confident if you don't know something then don't bluff just say I don't know and will find it out he wanted to know as CE how can you handle something if you don't know. RA, PTW, Check list, LOTO, Enclosed space CL if required in all the operational questions. Use best internet as possible keep as backup. All the best.