

Class 1 Master 's oral examination.

Candidate: M.S Pushpa kumara.

Examiner: Capt. Bandara.

Date :08.06.2023 From (9.00 am to 10.00 am)

He asked me about my sea service and types of vessels I have sailed on (Bulk carrier)

01. How you prepare your vessel for dry docking?

02. What the things to be check before refloating?

03. What instruction giving to C/Off for loading iron ore and what are the dangers associate with iron ore? How to check moisture content?

04. During bunker operation, bunker hose burst. What is your action?

05. You received a distress alert from a vessel 50 NM away from you. What do you do?

05. Distress vessel inform 100 person on board , what is your action ?

06. Three vessels are approaching to assist the distress vessel. You were appointed as the OSC. What is your responsibility?

07. What is port of refuge?

08. In what occasions do you plan to proceed to a port of refuge?

09. Your company maintains zero alcohol policy. One of officer reported you that one of AB behaves as a drunken guy. What is your action?

10. What is damage stability? What is the importance of calculating damage stability?

11. You are departing from Brazil and your duty officer informs you that a TRS is forming 1000NM away as shown below. What is your action? (East side of Srilanka)

12. On what occasions will you authorize a BL to be signed by someone else, what is that document called and what instructions will you give them?

13. what are the main point include in Ltter of authority?

14. How you will release cargo in discharging port without BL.

15. What is angle of lol , possibilities to experience Angle of lol how to correct Angle of lol?

16. You have a 40 days passage. How do you prepare your vessel for the voyage?

17. What are the new amendments to MARPOL annex Vi?

18. What are the new amendments to STCW?

19. What is the ILO?

20. What is overriding authority? Where does it mentioned?

21. How would you carry out an ISM review?

23. PSC officer requests you to show SSP. What do you do?

24. What is Rotterdam Rule?

My Special Thanks to all the lectures, staff and all my friends who assisted me in achieving this goal.

Master 's oral examination.

Examiner Capt.Bandara

Candidate: P.A.A.P.Kumara

Date :22.06.2023

1. You received voyage order with new type of cargo what is the loading procedure (oil tanker)
2. What advice you are giving to your officers to carry out safe cargo operation
3. What are the document you required to be ready before loading / after loading on tanker
4. Inert gas requirement
5. What are the maintenance to be carried out inert gas system
6. What check to be done before operation
7. During discharging if tank pressure reduce what is your action
8. How do you know your gas meters are properly working in good order
9. How to prepare your vessel for entering to restricted water.
10. What are the information need to exchanging with the pilot
11. If you feel pilot not confidence what is your action
12. How to carry out deep water anchoring
13. 90m depth and last three shackle not possible to heaving up what is your action
14. Vessel is going to berthing what is your immediate and practical action (Relating previous question)
15. What is master's overriding authority
16. What is shallow water effect
17. What is port of refuge
18. When you received distress message form MF/HF what is your action
19. Ok there are 1000 people to rescue are you going to rescue operation
20. What is the OSC duties
21. What is safe port
22. How do you prepare vessel for 40days high latitude passage
23. How you verify your ECDIS Passage plan
24. TRS Taiwan strait explain your action
25. How to implement ISM
26. Your AB having severe stomach pain what is your action
27. What is Haemorrhoids
28. What medicine you are giving
29. What are the Marpol Annex 5 and annex 6 new amendment
30. What is clean BL
31. What is Letter of Authorization

Masters Oral Examination

Candidate- S.M.H.K. Rathnayake

Examiner- Capt. S.M.S.Bandara

Date- 04.07.2023

Master

1. You are a master of 20K teu container vessel, how do you advise ch off to check the loading plan and how do you check the plan, what area would you mostly concern?
2. what is torsional stress and how it occurs?
3. You depart with marginal GM , What you will do?
4. What is damage stability?
5. Container leaking on deck, how do you proceed? Leaking container is sulfuric acid, what you will do?
6. During investigation found under deck one container melted how do you proceed? It is found about to fire then what you will do.
7. CO2 flooded and due to sulfuric acid rubber beading damaged and can't seal the compartment, your action?
8. What is port of Refuge?
9. how do you plan your passage with high latitude sailing?
10. You received distress signal from a vessel 50NM distance what is your action?
11. It is a ferry with 300 people what is your preparation? (Mainly concern about crowd management and large scale rescue ics publication)
12. On scene coordinator duties duties?
13. What is clean bill of lading?
14. What is letter of authorization? (concern is the issuing of cargo in discharge port against the letter of indemnity)
15. What is LOP and NOP? Examples
15. How do you implement ISM onboard?
16. What is masters overriding authority? Where it is mentioned?

17. What are the objectives of MLC?

18. One AB behaves like a drunken in the alleyway, what is your action? Zero alcohol policy maintained onboard.

19. Bosun complains about the food quality and quantity in the mess committee, what you will do?

20. 2nd off complain about chess pain?

21. What are the new amendments for MARPOL Annex V and Annex VI?

22. What is SEEMP?

23. Bunker hose bursted and oil spill in the bunker barge, action as the master of bunker receiving vessel?

Master's Orals

Examiner : Capt. Upul Peiris

Date : 08.06.2023 (1st attempt)

Candidate : N.C.Hettiarachchi

1. You take over vessel. While hand over Master informed you this vessel experience violent behavior during bad weather, heavy roiling and pitching. Your passage will be Europe to America crossing Atlantic in winter season. How do you prepare vessel considering Stability.
2. In middle of ocean C/E informed one of the Windless out of order and cannot repair. What is your action with statutory requirement?
3. C/E informed one of the cargo hold Smock detector not working and cannot repair. What is your action?
4. Next port after two week, Two days after departure DG container leaking, Nitric acid 50% concentrate. What is your action?
5. After two days you got a fire alarm, fire in Cargo hold No.2 which leaking container on deck in same bay. What is your action?
6. How do you conduct Fire drill?
7. How do you carry out Master's review of SMS? What is the purpose?
8. What is the right of foreign ship in Territorial water?
9. What is the innocent passage?
10. You are in Territorial water, your engine out of order. Your action.
11. RCC informed you, Passenger vessel in distress 50 NM from you with 1000 passenger. What is your action?
12. While approaching PBG to pick-up river pilot your vessel grounded and you have done initial things what you have to do. As a Master in collecting evidence what are you do.

Examiner : Capt. Wilson

Date : 20.07.2023 (2nd attempt)

1. He asked me questions that which I led to failed in 1st attempt and answers?
2. You are newly joined on 10 years old Vessel. Once you going to bridge, what is the main fact that you can get to know status of all the bridge equipment?
3. At sea 3/O called you and inform, GPS is out of order. Your action?
4. What is the GPS lifetime? (10 Years)

5. What is the name called to time different on GPS? (Clock bias error)
6. During H/C opening by shore gantry, pontoon shoe broken and pontoon fallen on to vehicle resulting person dead. What are your actions?
7. What is you understand in PSC code? (Deficiency code given by PSC officer during inspection)
8. What are the contents? (Give some example codes)
9. Vessel scheduled to departure after 3 Hrs. C/E informed that one of the Liner is leaking and need to change the liner and it will be take about 8 Hrs. Charterers and port ask you to departure in time. So many vessels waiting for berth this congested port. What is your actions?
10. What is CA? (Condition Assessment)
11. What is hot pursuit in UNCLOS?
12. C/O informed Ballast water Management system out of order. Ballasting/De-ballasting has to be done as per loading plan. Charterer expecting to load maximum cargo. What is your action?
13. Water has been taken through the BWMS from deep water. Can you discharge at port?
14. At port C/O doing ballast operation. Tank overflowed water draining to the pier and sea. PSC taken photos and come onboard to fine the vessel. How would you handle the situation?
15. Fitter suffering blister on his arm. Onboard medicines given and still getting worst. As per company policy, to send him to the Doctor need company approval. Vessel at port and company not responding. What is your action?
16. What are the regulations with ballast water?
17. What is P&I club?
18. What are the 3rd party claims?
19. What is the CLC?
20. How do you prepare vessel for PSC inspection?
21. What are the critical equipment onboard?
22. What do you maintain on Emergency generator for Inspections?
23. How do you know rubber mat is approved?
24. What is the both to blame clause?
25. What is the New Jason clause?

I take this opportunity to thank all lecturers and staff in Navigation department and all my batch mate and friends who supported me.

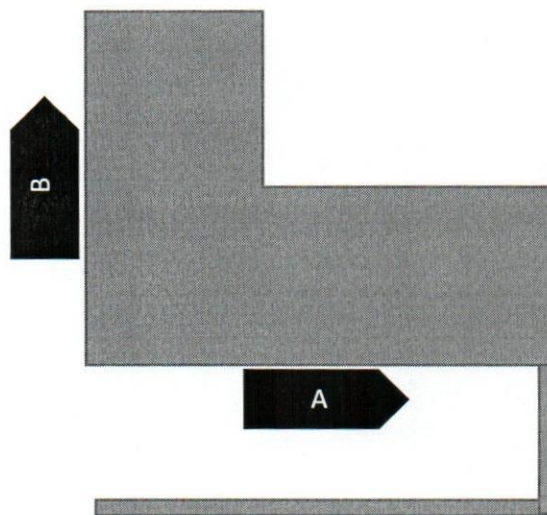
Masters Oral Exam

Examiner : Capt. Sunil Jayaweera.

Date : July 4, 2022 from 1400hrs to 1600hrs

At first he asked about my experience. Then start questioning and most of them were referred to my answer for the previous question.

1. How you verify the container cargo plan given by the planner? What you check?
2. What is your unforgettable incident in your carrier. I told about a near miss of a collision in Singapore strait, Then asked some cross questions and asked if you were the master of your vessel, what you do?
3. How you contact a ship by VHF? *Calling by its call sign*
4. How you can use VHF for collision avoidance?
5. Ship handling



- I. How to move the vessel from A to B?
- II. How you do it without engine and bow thrusters?
- III. Advantages of spring lines?
- IV. How you turn a vessel on her own length? How you start it?
- V. How you do it in a anchorage? *Snubbing around*
6. When you giving engine movements heavy vibration, what can be the reason? *I said shallow water effects or something entangled on the propeller. Then he asked you were about 2 months of the anchorage. Then I told about marine growth.*
7. What is bio fouling?
8. What are the greenhouse gases? *other than CO and CO2 I said about water vapors and had to explain how it become GHG. Then he asked about the what are GHG with ships*

emission ? I said its CO and CO2. Then he asked What about NOx and SOx? I explained those are not GHG and they are harmful because they caused acidic rains and other problems.

9. How you control the air pollution? Explained all SOx, NOx, CO, CO2, ODS, VOC, PM and then started to explain how each controlled on board
10. Your owner doesn't like to use LSFO because they are expensive, how you comply? *Type approved scrubber unit.*
11. During PSC inspection your vessel got deficiency to rectify before departure. What you do?
12. What is the code number for such deficiency? 17 (I actually said at the exam as 30 as a swift and confidently, and he said, " Is it? I can't remember") (FYI, 30 is detainable deficiency, Whatever the answer you give tell it confidently.)
13. What you can do to avoid such deficiencies?
14. Explain how to implement SMS
15. You are going to USA, how you ready your vessel for coast guard inspection?
16. How to get the inspection checklist? *I said through agent and/or QI, he agreed.*
17. What is P&I?
18. What are the liabilities cover by P&I?
19. What are the other insurance covers?
20. What is the special cover applies for oil pollution in US waters? COFR
21. Who is providing that cover? *I said P&I, he was not happy and I said maybe it's a kind of bank guarantee given by OPLTF. I didn't know whether its correct, but he moved to the next question.*
22. You are in side a TRS, What you do? *I asked are we inside the eye or outer storm area, he said "I don't know" Then I explained in full story. Few cross questions*
23. *What is the latest amendments to FAL convention? Explained Single window concept.*
24. What is HSSC?
25. What is window period for surveys?
26. What is anniversary date and where does it mentioned?

By this time it was the last page of his checklist and my answer was incorrect for the anniversary date and he asked me to go and find it. about 10mins later I answered it precisely with the help of my friends and he said the long awaited words, " Okay, You PASS and go and have a party"

All the best at your orals

My gratitude to all the lecturers and my dear colleagues who helped, shared their knowledge, wished for the best.