



PAST PAPERS

<i>Faculty</i>	<i>Department / Section/Division</i>
<i>Not Applicable</i>	<i>Learning Resource Centre</i>

Past Papers

Faculty of maritime Science
Department of Navigation

**Navigation Class I
(Orals)
2014-2022**

<i>Document Control & Approving Authority</i>		<i>Senior Director – Quality Management & Administration</i>	
<i>1st Issue Date: 2017.011.30</i>	<i>Revision No.00</i>	<i>Revision Date: 16.012022</i>	<i>Validated by: Librarian</i>

Master (unlimited orals)

Examiner: Capt. Upul Peiris

Candidate: Randika Rajapakse

Date/Time: 15 Mar 2021, 16 Mar 2021

1. As the Master you are the leader on-board. How do you make the decisions on-board?
2. On a voyage at North Atlantic Ocean, TRS is approaching and it will pass you from 48 hrs. You have 4 options (1. Continue voyage without changing route, 2. Avoid the TRS by changing the route, 3. Stay on your position, 4. Returning back) how do you make the decisions as the leader?
3. What is MARPOL Electronic record book?
4. Min age for seafarer to work on-board and standards?
5. You have a 17 years old seafarer how you handle him as the master?
6. CSR how to check content are correct?
7. What is biofouling and record book?
8. Recognized mob sat system?
9. Your vessel grounded. Role of master during collecting evidence?
10. What is Bridge team management?
11. Role of master during Master pilot information exchange?
12. As the master how do you manage the alarms on ECDIS?
13. As the Master how do you carry out safety committee meeting?
14. Master overriding Authority?
15. What are the factors to be check when you decide to render assistance to a distress vessel?
16. Annual statutory survey is planned. What are the instructions you give to your department heads?
17. What is the scope of annual survey?
18. What is the scope of renewal survey?
19. After making the NOP in front of the Notary Public as a master what is your further actions?
20. After making LOP to a dissatisfied matter by the third party he refused to sign it. Further actions by you as the master?
21. What are the statutory certificates require annual survey?
22. What are the survey requirements for ISM, ISPS certificates?
23. You are the master of a vessel assigned as the SSO, how do you review the ISPS code related activities on-board?

Note: Please structure your answers as a master who is answering the question (not a Mate not an OOW). Use phrases like "as the Master", "I order", "I double check", "I confirmed".

Special thanks to Capt. Upul Peiris and other examiners at Merchant shipping secretary, All the Lecturers and staff at CINEC maritime campus and friends who shared their knowledge.

Good luck to all of you. Thanks.....

CLASS 1 MASTERS ORAL EXAMINATION

Candidate: P.R.Fernando / Batch: 36

Date: 22.12.2020

Examiner: Capt. Sunil Jayaweera

Time: 0915 – 1415hrs

Examiner asked my Assignment and read it all. He asked two questions from the assignment. My answer was satisfied so he didn't ask much questions. You should have a sound knowledge about your assignment. If he suspect you don't have good knowledge about your assignment he will chase behind your assignment. So be prepared. When answering a question try to give full answer which related to question and most important to be confident with your answer. So he will not cross questions from you. But careful if you are not sure about something don't tell him about that. That happened to me once.

1. You are assign to load a bulk cargo, how will you know whether it is dangerous or not?
I told him about refer IMSBC CODE and IMDG CODE, Shippers cargo Declaration.
2. Before loading a cargo stowage factor is given. What are your consideration before loading? How do you know is it dangerous to carry or not? Told him about volume of cargo, hi density cargo, deck stress, load density, cohesive cargo, angle of repose. But he is not so satisfied.
3. What is Flag State and Port State?
4. Your vessel got detained what will you do?
I'll try to degrade the deficiency to non-confirmative by attending the job on the spot to reduce the level of threat and within the given time frame I'll do the needful to close the NC.
5. What is charter party?
6. What is the abandon ship drill requirement as per SOLAS?
7. What you will check in Life Boat Drill?
PPE/Duties/Life Boat lightings/Communication Equipment's/Boat Engine
8. How you will check Life Boat Engines?
With the presence of an engineer check Fuel, Lube oil, Coolant, Rudder propeller clearance and start engine. Try ahead and astern.
9. How long will you check the engine? Less than one minute. Why? Because of no cooling without water borne the boat. You should have a knowledge about life boat cooling.
10. Why in Freefall one simulator is allowed?
11. What are Dry Dock Specs.? He means the preparations for Dry Dock. This is the way of his questioning. Don't get confused. This question he asks frequently.
12. Why the Vessel is going to Dry Dock. ? It is a SOLAS /Flag requirement, for hull inspections and maintenances,(anodes), propeller , rudder inspections and maintenances. Emergency repairs, groundings, hull damages, modifications etc.
13. What are Shallow water effects?
14. Your vessel had a collision at sea what is your action?
Organize your answer. Initial actions, Stop Engines, VDR , Etc. Own ship and crew safety, other ship and crew safety, Consider consequences, flooding, pollution, fire ,abandoning, salvage/towing and act accordingly, damage stability, record keeping , communication, pass information's/ reporting's.....
15. Cirrus clouds, wind increasing, swell is there what is your action? He gave TRS signs, I told him I assume this as a TRS .I explain in detail how to detect a TRS (Buys ballot Law, Veering, Backing ,Swell bearing, corrected Pressure reading, weather information's, weather facsimile charts, weather routing information's etc.) and avoiding actions .Be sure what is heave to. Not stopping the vessel, adjust speed to keep minimum steerage by keeping wind on bow best suitable position.
16. What is Parametric Rolling?
17. How you turn the vessel in heavy swell? When the vessel in trough in calm period (lull) do the turn more than half, and with the help of the wave turn the rest. Check Danton Seaman Ship Book for more details.
18. What are Bad weather effects? Structure failure, flooding, listing, cargo shifting, machinery failure, crew injury, lost cargo, cargo damages. He is expecting fatigue also.
19. What is Fatigue?
20. What is the weather Patten in Sri Lanka? I told about the moon soon.
21. What is ITCZ? Is it changes her position or steady? Changes. Why?
22. What is P & I Club?

23. What is E- Navigation? I got stuck in this question. I gave a wrong answer. He gave a chance to find out the answer.
24. What are the problem in these days? I said Covid 19 . How you manage it onboard? I told him about IMO Circular No. 4204 and additions. Specially add no. 16
25. What is EEDI? Why it came? Some cross questions asked. Which one is higher Attained EEDI or Operational EEDI? Why?
26. What is Virtual Arrival and Just in Time?
27. What is the different between Bunker convention and CLC?
28. Under UNCLOS what are the coastal states right beyond the territorial Sea?
29. What is Archipelago Sea?
30. You have to go through a passage which is having less UKC. Laden vessel, what is your action? I told I'll observe the situation weather the company UKC policy is complying or not. If not complying I am not going.
31. Charter, company force you to proceed what is your action?
I told him I'll do a quick risk assessment, Check the tide calculation for low and high water, if the UKC is still less than the company requirement, I will not proceed. With the all collective evidences I'll inform to company about my decision. If the company insist me to proceed I'll ask in writing letter from the company and proceed with a greater care. Reduce speed, check similar size, draft vessels have passed safely before or not. Increase bridge manning levels, use parallel technics and all available means to keep the vessel in safe track. Double check Echo Sounder alarms and settings. Use large scale chart, get assistance and information's from the port control, pilots. He is expecting overriding authority of a master. I didn't use the word "Overriding" but same thing I explained in another words.
32. Now there is another way of going to port by avoiding shallow patch, but it is 100-200 miles longer than the other route. Which route that you are going to take? I told him definitely I'll take the longer route. Why? Because I cannot jeopardize the safety of the crew, vessel, cargo and the environment.

About five questions above, he ask me to find the answers and gave me some time. I called My Lectures and got guidance from them and answer the questions. Then he said the Magic Word Ok "YOU ARE PASS".

My Respect and Special Thanks to All CINEC Lectures (Shane Sir, Capt. Prasad Sir, Capt. Dolapihilla ,Capt. Krishan Sir, Capt. Ranjith Sir) and My Batch Mates who gave me utter Support. I wish you also all the BEST.

Examiner: Cpt.Sunil Jayaweera

Candidate: M.R.L.K.Wijeratne

Dates: 20.11.2019 - time 09:15 to 11:30, 14:00 to 14:30

Class I - Pass

Started with going through the COC, Passport and the CDC- previous experience and past ships types.

For the answers I give I was careful of the words I used, because the next question lies within your answer, at a time I used one word which was not related to an answer and I said sorry that's not a needful thing in this answer and his response was quite good. The examiner is trying to pass the candidate by bringing you around to get him listen the answer he wants. A bit tough in his responses. I have write down below my experience in the orals examination with the cross questions as I could recall, SJ-is the examiner. First he asked some questions from the assignment then commenced as below,

1. Ch.Off sick what are your actions ?

Ans- first give medical assistance to ch.off,

SJ- Ok you're in Port?

Ans- Give medical assistance and send him to hospital,

SJ- Ok C/O is not coming O/B, He's hospitalized, then what will be your actions?

Ans- Inform owners of present situation, prepare final wages of c/off, carry out repatriation and signoff procedure. request the owners to arrange suitable reliever ASAP.

SJ- No available reliever in this port?

Ans- tell about the dispensation letter, minimum safe manning certificate etc, arranging watch schedule, non violation of minimum rest hours etc..

2. Container ship on passage, min GM on departure, in middle of psg list to one side and oscillate in listed side, what could be the reason?

Ans- Angle of LOL

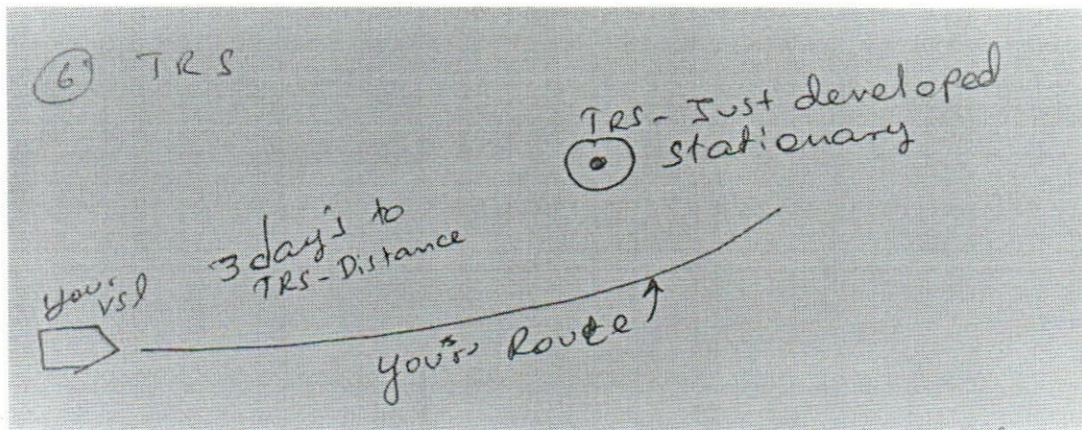
3. Reasons to happen above situation?

Ans- due to Fuel consumption, FW consumption, BW exchange, FSE, BW transfer

4. Actions to rectify the LOL situation?

5. What is Demurrage?

6. TRS situation? he draw below picture and asked as masters my actions?



Ans- "Hove to wind", Engine crew stby, when other safety measure were just spoken, he moved to the next question.

7. In Dry Docking why is called "Critical" for Critical period?

Ans- due to the virtual loss of GM the ship is vulnerable to capsize during the critical period.

8. why is it called Virtual Loss of GM? Why virtual not just loss of GM?

9. What is FSE?

10. What happen to GM of ship during Dry Docking?

11. Your ship going for Dock for emergency repairs, you are in limited GM (minimum), What will you take as safety measures?

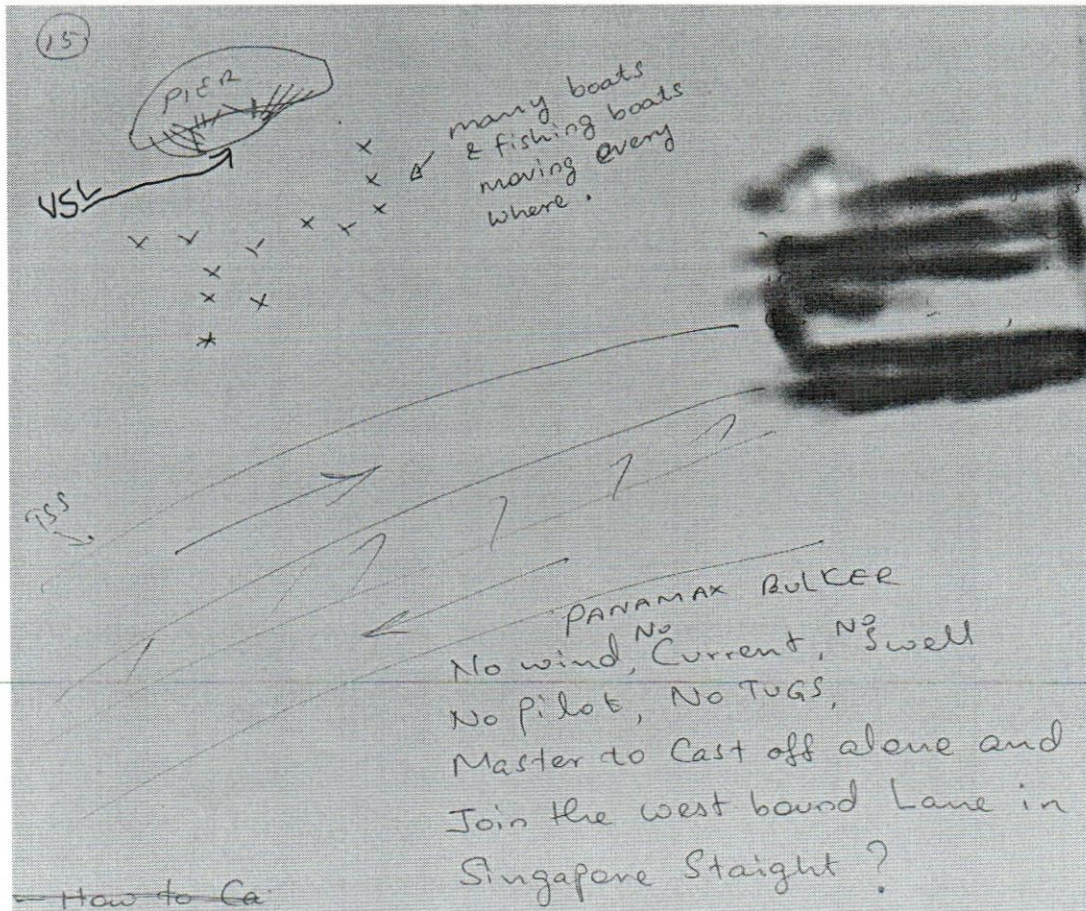
Ans- Reduce FSE, adjust ballast to increase GM, Request charterers to allow adjusting cargo (Shifting/ discharging to barge) to increase GM, Remove or transfer fuel oil & FW, advise the dock of the vsd special condition with GM & damaged condition & to arrange dock measures to take the ship.

12. What is Seaway Bill?

13. What is Clause BOL?

14. What is Clean BOL?

15. Manoeuvring and ship handling situation and scenario as below?



The vsl is now in Singapore at an Island berthed

Ans- Use Singapore regulations, 3 Green all round lights in vertical line, TSS rules as per colregs, VTS communication and requesting permission prior crossing,

Talk about Risk Assessment, checklists, safety measures, BTM, BRM, stations briefing, etc. Single up, let go stern lines, letgo spring aft, let go all breast lines, 2 head lines remain, 2 fwd springs remain, heave up 2 head lines, swing stern out of pier, when stern being clear from pier, cast off fed springs and head lines, give stern movement on engine, rudder mid ship, right handed propeller, bow will swing to stbd, when vsl is parallel to pier start manoeuvre.

16. Your vessel is to shift astern 50 meters in the berth, how you're going to do this job as master?

17. On loading port terminal and ship figures has large difference? as master your actions?

18. In your ship the windlasses and the Hatch cover to open and closing, has one hydraulic system is it safe?

Ans - No

SJ- Why not?

Ans- During anchoring or picking up anchor, in same time if the hatch covers are operated, pressure can be increased on the pipe lines or in the system and cause some malfunction or even burst of a pipe, which will result in further catastrophic events such as grounding, colliding etc.

SJ- What will you do to overcome this?

Ans- Use the isolation valve in the system as per the relevant operation.

SJ- No Isolation valve in the system?

Ans- I will advise anchoring party, officer, bosun, engineers not to use hatch covers during windless winches operations, place notices in hydraulic pump panel of not operating in two operations.

SJ- As permanent safety measures what will you do?

Ans- Having a bypass system to the system, (examiner wanted that answer or the word bypass because he was happy with that)

SJ- ok how you're going to make that bypass system?

Ans- I will get technical information from the ch.eng and send a msg to superintendent regarding the risks involved by this system and the ships team suggestions to superintendent,

SJ- Superintendent is a new guy to the company and he does not like to do any big and expensive jobs so he keep silent and ignore your idea and msg regarding this?

Ans- I will send a risk assessment, critical equipment system improvement form, include the info in the monthly safety meeting report, add in the SMS review etc.

SJ- that all is read by the superintendent and he ignores, then what will you do?

Ans- I will reach the higher management of the owners, inform the full info to the DPA.

19. What is Virtual arrival?

20. What is No more Favourable Treatment?

21. What is ESP?

22. New ammendements to ESP and when will those come into force?

OK ,,Good Luck,,, You are Pass,,,

Thanks to Lecturers at Cinec, Cpt. Aruna Kothalawala specifically, friends who shared knowledge Thisera, Anjula, Singh, Dileep. Mr. Shane Sankaranarayana s book for masters and the book for mates which was a great help, the you tube and internet as well.

MASTER'S ORALS QUESTIONS

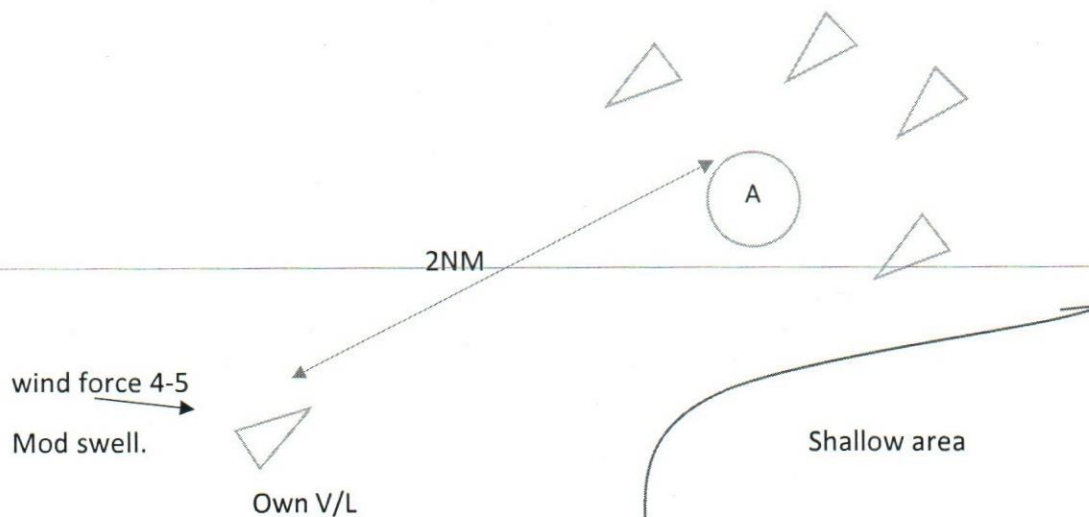
Candidate: D.S. Rathnayake

Examiner: Capt. Sunil Jayaweera

Date: 15.11.2019

Note: First he checked my CDC and asked about my previous experiences.

- 1) At around 0200hrs 2/O called you and said, duty AB is not performing well his duty, as a master what is your action?
- 2) What is the minimum rest hours and work hours?
- 3) What is the dismissal procedure of a crew member?
- 4)



- i) Anchoring procedure? (Calm Wx)
 - ii) Wind force 4-5, mod swell from port quarter. How do you anchor the vessel?
 - iii) What is wind board effect?
- 5) How do you manage the risk onboard?
 - 6) How do you know your risk is high?
 - 7) If the risk is too high, what is your action?
 - 8) What is ESP? objective? What type of vessels are entitled for ESP?
 - 9) What is close-up survey?
 - 10) Vessel is proceeding with full speed, suddenly you are encountering a obstruction right ahead of you, what is your action?
 - 11) Any other means to reduce the ships speed? (explain about paddle wheel effect)
 - 12) Your vessel is agrounded and damaged to one of fwd compartment, what is your action?
 - 13) How do you calculate damage stability?
 - 14) What is permeability?
 - 15) You are proceeding for loading coal, water content is too high, what is your action? How do you load them?
 - 16) What is tainting?

- 17) What is charter party?
- 18) What happened to the 'Harald of free enterprises'?
- 19) What are the things implemented after the accident?
- 20) What are the new amendment for the IMDG?
- 21) What is Tacit acceptance?
- 22) How the amendment will enter into force under Tacit acceptance?
- 23) What is DMLC part I & II? And contents?
Procedure of issuing them?
- 24) You received a distress call and distress vessel is about 40nm away. What is your actions?
Who is OSC? Duties?
o.k. then due to some reason you can't go for assisting that vessel. But there are no any other vessels to assist, also RCC urges you to proceed & assist the distress vessel. What is your actions?
- 25) 3/Off called you and said, there is a floating life raft in the vicinity. What is your action?
- 26) what would be the reasons to float life raft idle like that?
- 27) your vessel is planning to load heavy lift, what are the instructions are you pass to C/Off?
- 28) What is the main reason (safety issue) behind, windlass hydraulic system and hatch cover hydraulic system are having independent operation system rather than having it as a one combined system?
- 29) How the hydraulic re-circulating system works? (He asked me to draw a simple sketch)
- 30) You have to perform a voyage from A to B, what are the instructions are you giving to C/E for bunker Calculations?
- 31) What is the new fuel oil requirement?
What is the alternative arrangement if you can not comply with new requirement?
- 32) What is UNCLOS? What are the sea areas?
What are the rights in territorial sea and EEZ?
What is innocent passage?
- 33) What is critical period, Critical moment?
Why is it called as "critical"?
- 34) What is the purpose of keeping bunker as 'reserve'? where is it mentioned?

O.K.. you pass...., Congratulations..!!!

**There were lot of cross questions in between.

"My special gratitude to CINEC lecturers, Jayawickrama, Muduna and other friends."

EXAMINER : CAPT S.M.S.BANDARA
CANDIDATE: P.D.C.JAYAWICKRAMA
DATE : 07-Nov-2019

- 1 ECDIS CARRIAGE REQUIREMENTS?
- 2 70000 MT TO LOAD 10% MORE OR LESS, AS MASTER HOW TO VERIFY CO PLAN?
- 3 JAPAN TO VANCOUVER VOYAGE, NORTH OF ALUTIAN ISLANDS, HOW TO PREPARE AS MASTER?
- 4 0.5M SWELL, DURING DRAFT SURVEY, 400MT SHORT, WHAT ACTION AS MASTER?
- 5 PORT INFORM YOU TO COME & DROP ANCHOR, ARRIVAL PROCEDURE?
- 6 ARRIVAL DOCUMENTS FOR CLEARANCE?
- 7 CAN NOT HEVUP ANCHOR, WHAT ACTION?
- 8 ABILITY TO ATTEND DISTRESS?
- 9 PREPARE FOR LOAD LINE SURVEY?
- 10 HOW MANY LOAD LINES A VESSEL CAN HAVE ?
- 11 FIRE ALARM 3 TIMES & STOP, WHAT ACTION AS MASTER?
- 12 BUNKER BARGE PIPE BUREST, OIL AT SEA AND SHIP SIDE ACTION AS MASTER?
- 13 BUNKER BARGE CREW TRY TO USE SEA CLEAN WHAT ACTION AS MASTER?
- 14 MARPOL ANNEX V NEW AMENDMENTS?
- 15 MARPOL ANNEX VI NEW AMENDMENTS?
- 16 AT SEA VESSEL GAIN 3 DEG LIST WHAT ACTION AS MASTER?
- 17 2 CADETS ON BOARD THEY DON'T STUDY WHAT ACTION AS MASTER?
- 18 CREW MEMBER COMPLAIN CHEST PAIN WHAT ACTION AS MASTER?
- 19 ZERO ALCOHOL POLICY VESSEL FOUND BOTTLE IN BOSUN CABIN, WHAT ACTION AS MASTER?
- 20 SAME BOSUN FOUND SLEEPING DURING 1300-1500HRS WHAT ACTION ?
- 21 YOU RECEIVE A DISTRESS 2187.5 KHZ, 100NM, WHAT ACTION?
- 22 MRCC APOINT YOU AS OSC, 2 TANKERS ALSO PROCEEDING THERE, 800 PASSENGERS WHAT ACTION?
- 23 YOUR VESSEL NW OF TAIWAN, TRS 1800 NM AWAY SE OF TAIWAN, ACTION?
- 24 NOW TRS MOVE NW DIRECTION, ACTION?
- 25 ROUTING SERVICE ADVISE YOU TO PROCEED TO TAIWAN STRAIT, WHAT ACTION?
- 25 WHAT IS MASTERS OVERRIDING AUTHORITY?
- 26 WHAT IS LOP & NOP ISSUE OCATIONS?
- 27 HOW DO YOU JUSTIFY YOUR ACTION TO USE MASTERS AUTHORITY?

THERE WERE LOT OF CROSS QUESTIONS,

I TAKE THIS OPPORTUNITY TO THANKS ALL CINEC LECTURES,
AND MY BATCH MATES MUDUNPITAGE & RATHNAYEKE.
MY SPECIAL THANKS TO SHERIL G.SAMADASA FOR HIS CONTRIBUTION.

WISH YOU ALL THE BEST.

Date: 31st July 2019

Examiner: Capt. Upul Peris

Candidate: Suranga Vithanage

01. What are the ISM code objectives?
02. What is the Risk Management? How you manage the risk? Risk Management procedure?
03. What are the difficulties & problems encounter while complying with ISM code?
04. How you define Non Conformity?
05. What is Safety Culture onboard?
06. New crew member came onboard. How you observe his job performance?
07. As a Master what you will do to comply with ISM code?
08. As a Master how you maintain hygiene onboard? What action will you take?
09. How many samples & which locations will you take Fresh Water for shore analysis?
10. When doing onboard FW analysis what are the checks you do?
11. What is the onboard FW sterilizing method?
12. On charter party clause Always Afloat, but your vessel safely aground at berth. What is Masters obligation?
13. What is LOP & NOP. What is the legalization of the LOP?
14. How you employed the ship? (As a owners/ charters representative onboard)
15. What is the Harmonized survey system? How it is introduced? What are the surveys cover under it?
16. How you are carry out Abandon Ship Drill? full procedure?
17. From your ship transmitted falls EPIRB message. Explain cancellation procedure?
18. What are the new amendments to MARPOL Annex V?
19. As a Master how you verify Garbage Record Book entries?
20. What are the Garbage categories?
21. What is the Particular Sensitive Sea Area? (PSSA). What action will you take before entering these areas?
22. What is the Archipelagic Sea Area?

23. What is the Archipelagic Sea Lane? Is it mandatory to follow Archipelagic Sea Lanes if provided? From where you can get this information?

24. How you define Innocent Passage?

25. When foreign flagged ship following innocent passage on Territorial Waters, Which law apply?

26. What is the jurisdiction for Contiguous Zone?

27. What is the coastal state authority over EEZ?

28. How you know you are in the International Waters?

29. What law apply (Flag State or Coastal State) When you are in the International Waters?

30. You are the Master on a Singapore flagged ship. One crew member stabbed and killed. Nationality Chinese. Your vessel is passing 20nm South of Sri Lanka. To whom will you report?

Special thanks to all the lectures, class mates & all others who helped to achieve this goal.

Candidate: AMKK Alahakoon.

Examiner: Capt. Upul Peris.

Date: 05 Aug 2019.

Time: 0900 – 1100 Hrs.

1/. Question as per EXXON VALDEZ incident assignment.

i/. What is fatigue?

ii/. How to mitigate fatigue?

iii/. How to mitigate your fatigue as a Master?

iv/. What are the regulatory frame works came after the incident?

v/. What is OPA 90 act?

2/. How to review SSP onboard?

3/. What are the documents to be maintained as per SSP?

4/. What are the records to be maintained, regarding ISPS?

5/. Certificates issuing procedure for the ISPS?

6/. How to implement Garbage management plan onboard?

7/. How to check the garbage record book's entries are correct?

8/. What are the entries of the oil record book?

9/. How to verify the entries are correct?

10/. What entries to be made in the oil record book regarding oily water separator?

11/. If any essential equipment failed or inoperative what you do, which under category of statutory certificate?

12/. What is the dispensation certificate?

13/. Full procedure, in case of cargo hold fire?

14/. How you release CO₂ for the cargo hold fire, full procedure?

- 15/. What is UNCLOS?
- 16/. What UNCLOS apply today? (UNCLOS iii)
- 17/. What laws applied to the vessel when in EEZ?
- 18/. Right of the coastal state in the EEZ?
- 19/. What is the right of innocent passage?

- 20/. In territorial water what laws apply to the vessel?
- 21/. What is SEEMP?
- 22/. What are the objectives of the SEEMP?
- 23/. How the objectives been achieved?
- 24/. What is the importance of energy efficiency?
- 25/. What is the importance of emission control?
- 26/. What are the emission control areas?
- 27/. What is the new fuel oil requirement coming in to force in the future?
- 28/. Can you carry noncompliance fuel?
- 29/. If carry noncompliance fuel, what are the requirements?
- 30/. What are the NOx control areas?
- 31/. How you would prepare your vessel for the safety equipment survey?
- 32/. How you would decide to proceed for a rescue operation, Unreasonable/ Unnecessary/Unable explained?
- 33/. How you would determine the "DATUM", calculation apply set & drift & determine probable new "DATUM"?
- 34/. What are the search patterns?

Special thanks to all the instructors, class mates & all others helped to achieve the goal.

I found that the great tool for the orals is "Self Learner", which prepared by the Shane sir.

MASTER UNLIMITED / ORALS EXAMINATION
NAVIGATION CLASS 1

Candidate name : G.M.P Perera

Examiner's names: Capt. Bandara

Duration: From 9.30 am to 12.00 pm on 1st of July 2019.

1. On what occasions class will be withdrawn?
2. What are the records you will enter regarding OWS?
3. What are the additional certificates to be carried on container ships?
4. What are the shallow water effects?
5. How you prepare your vessel for a voyage from Vancouver to Japan via unimak passage during winter? Full procedure including dead weight calculation.
6. Your vessel has grounded. Full procedure including damage stability?
7. After a voyage of 10 days you are expected to arrive 0.5m trim by stern, but half way you experience 0.5m trim by bow. What do you do?
8. TRS SE of Taiwan. Your vessel NNW of Taiwan. Full procedure?
9. Weather routing service advice you to sail 10Nm East of Taiwan, but vessel does not have large scale charts. What do you do?
10. From where you will find warranty limits?
11. How you will carry out SMS review?
12. What is overriding authority? Where does it mentioned? Examples for overriding authority over safety and security?
13. What is territorial sea and what are powers given to coastal state?
14. What is SUA?
15. Your vessel receives a distress alert 150 Nm off. Full procedure? You are OSC and 800 people to rescue. How you are going to plan this operation?
16. On what occasions you will relay distress alert?
17. After discharging completed there is a discrepancy on quantity discharged? What will you do as master?

MASTER UNLIMITED / ORALS EXAMINATION
NAVIGATION CLASS 1

18. What is LOI and LOA? What instructions you will give to agent regarding BL?
19. What is port of refuge?
20. Steward inform you that he found empty whisky bottle from 3/E cabin? What will you do?
21. What is LOP and NOP?
22. What is P&I?
23. What is PSC?
24. Second mate told you that AB is asking medicine for chest pain. What is your action?
25. New AB's behavior is unusual and performance is poor. What will you do?
26. Same question. AB is medically fit according to doctor's report, but you want to sign off him, company disagrees. What is your action?
27. During bunkering hose burst and there is a oil spill. What is your action?
28. What is the difference between ILO/MLC?

There were many cross questions as well.

Oral Examination for class I COC

Dates: 21.05.2013/ 22.05.2013,

Examiner: Capt. Gamini Wilson,

Candidate: Dimuth A Wickramasinghe,

1. Newly promoted 3/O, suddenly call master on the bridge due to restricted visibility, What are the master's actions?
2. What are the documents to check, when crew signing on time?
3. Who will be the responsible if/any missing documents at new crew joining time & master's actions?
4. Master's responsibility for up to date maintain of ship's publications & chart's carriage requirements.
5. In case tramp vessel not able to get adequate publications & charts (Paper or ENCs), What are the master's concerns & actions?
6. Master's preparation for the PSC inspections?
7. How & Master's concerns when fully loaded vessel (Various type) handling at sever weather?
8. OOW informed master, barometric pressure decreasing 3mbar (Unusual with comparison with datum), As a master what are the concerns & actions as a master?
9. What are the MARPOL annexes & certificates?
10. What are certificates under STCW?
11. What are the certificates under SOLAS?
12. Case study & analyzing for 2/O's fallen recently while prepare a pilot ladder at St. Lawrence river, Canada.
13. As a master how you determine maximum cargo intake at draft restriction voyage?
14. Shipper is loading rusty steel coils. Charterer requesting clean B/L. As a master what are the concerns & actions?
15. If the circumstances occur to issue LOI, What are the contents of LOI?
16. What is the LOA & contents?
17. What are the inputs to the ECDIS?
18. What are the major settings to the ECDIS?
19. If the vessel's primary mean is ECDIS, What are the certificates hold by bridge team & under what regulation?
20. What is the NOR & details?
21. At the vessel's loading time dues between shipper & the ship (Demurrage/ Dispatch).
22. What is the master's overriding authority with examples?
23. Types of the charters & master's concern for each type?
24. Time charter's off hire survey time, discrepancy of ROB for HFO presenting, What are the master's concern & action?
25. Explanation of SUA convention?
26. Explanation of UNCLOS? What is the base line?
27. What is the different between SUA & UNCLOS?

28. Explanation CLC convention & certificates to carrying on board as per CLC?
29. Explanation Hague – Visby rule & How the contents applying on board?
30. Master found 2/O fallen sleep on the bridge while engage with his navigational watch, What are the master's actions by using common sense & as per company ISM?
31. A crew member sent to the doctor for heavily suffering fever. Later found he is suffering with Hepatitis B. What are the master's concern & actions?
32. How you obtain Radio medical advice & how you select appropriate Radio medical advisor?
33. What are the certificates under MLC?
34. Master's concerns for preparations for MLC renewal inspections?
35. Master's concerns for preparations for PSC inspections?
36. What are the time intervals for FW analyzing/ FW tank inspections/ BW tanks inspections?
37. What are the differences of olden days navigation & present days navigation with modern techniques?
38. Before vessel departing C/O present all the cargo papers & all loaded calculations are meet the requirements. But as soon as cast off the vessel, her listed to Port side not upright. Then pilot give STBD side helm order. Then vessel listed to STBD & didn't upright. As a master what are the initial actions for prevailing condition of the vessel?
39. Explanation of FAL convention, Certificates under it?
40. Documents to prepare for inward clearance & outward clearance. Who is issuing port clearance?
41. What are the newly amended rules in to the ROR.
42. What is the sound signal for a vessel a ground at restricted visibility?

ORAL EXAMINATION – MASTER ON SHIPS MORE THAN 500GT

Candidate – K.Subakaran

Date – 13.May.2019

Examiner – Capt.Upul Peris

1. How do you exercise due diligence as master during Cargo carriage A to B?
2. In which circumstances master has obligation to report under Solas? To whom? What kind of Message?
3. Survey system for
 - a. Cargo Ship Safety Equipment Certificate
 - b. Cargo Ship Safety Radio Certificate
 - c. Load Line Certificate
4. How frequent ISM and ISPS Audits Carried out?
5. What are the entries you have to make under ISPS?
6. What is DOS?
7. In what circumstances you will exchange DOS?
8. How do you keep your vessel in good hygienic condition?
9. One of your crew member died onboard, What will you do as Master?
10. Explain the Safety Contour in Ecdis?
11. What do you mean by Ecdis anomalies and What will you do incase of Ecdis anomaly?
12. What do u mean by CATZOC?
13. What is Look Ahead function in ECDIS?
14. How do you verify the oil record entries are correct?
15. What is parametric rolling?
16. What will you do to reduce the Parametric rolling at sea?

17. How the vessel will capsize due to parametric rolling?
18. What is the purpose of on hire survey?
19. What is the jurisdiction in territorial water?
20. What is the right of foreign ship in territorial water?
21. What is the Different between EEDI and EEOI?
22. What is the objective of EEOI?
23. How the Shipping contributes to Global Warming?
24. What is the Alcohol policy limit for SriLankan flag Vessels?
25. Where can you find Alcohol policy limitations for SriLankan flag vessels?
26. What is the Certificate comes under Bunker Convention?
27. Explain **Just in time** concept?
28. Explain the **Marine Casualty** and **Marine Incident**?
29. Is there any link between Bill of lading and LOI and explain the link?
30. How to mitigate fatigue onboard?
31. What is 2020 Sulphur requirements?
32. Why such requirements imposed on Sulphur content?

My sincere thanks to all the Lecturers at cinec and friends who supported to me.

CLASS 1 MASTERS ORALS

Examiner –G. Willson

Date -25th February 2019/28th February 2019

Candidate –A.G.R.Sudath Alwis

Time -08.30-11.30/08.30-10.00

1. What is the worst situation you have faced during your cadet period?
2. What is the difference between today and that day?
3. What is the ISM code?
4. How you implement ISM on a brand new ship as a fresh master?
5. Who is a DPA?
6. What is the MLC 2006?
7. How you implement on board(MLC)?
8. What are the certificates and documents under MLC?
9. What is SRPS certificate?
10. How you implement the MARPOL 73/78?
11. What are the annexes under MARPOL?
12. Document and certificates under MARPOL?
13. What are the new amendments under MARPOL?
14. How to manage garbage onboard?
15. How you verify record in GRB are correct?
16. Bunker dispute- 100t of excess bunkers found onboard by charterer's bunker surveyor how do you handle it?
17. How often ODMS will calibrate?
18. How to verify ORB entries are correct?
19. What are the drills to be carried out as per SOLAS?
20. How often abundant ship drills carried out as per SOLAS?
21. What is the local requirement on it?
22. How you carry out dynamic test on life boat and how often?
23. How you recover the man onboard person?

24. What action will you take during steering?
25. What are the search patterns?
26. Preparation for safety equipment for renewal survey?
27. Responsibility of master when docking with cargo?
28. Responsibilities of master when stowaway is found onboard during passage?
29. What is P & I club?
30. What are third party liabilities covered under P&I?
31. What is the bill of lading?
32. What are the things you are going to check before sign the bill of lading?
33. What is dead freight?
34. What are the documents to be prepared when arrival/departure?
35. Who will issue the port clearance?
36. Explain ballast water convention?
37. What are the D1 and D2 standards?
38. What is your responsibility when crew member dead onboard?
39. Explain burial procedure at sea?
40. What is PSC and their objectives?
41. Responsibilities of PSC?
42. Master's responsibility when implementing drug and alcohol policy onboard?
43. What is HSSC?
44. What are the types of surveys?
45. What are the certificates under HSS?
46. Master responsibility when chief officer performing is poor?
47. What is salvage?
48. Explain LOF?

I have the honor to thank for the all instructors and all class mates who always stood by me

THANKING YOU

N/O Class I

MASTER (UNLIMITED) ORAL EXAMINATION QUESTION PAPER.

CANDIDATE : PRABHATH KODITHUWAKKU
EXAMINER : CAPT. UPLIL PIERIS / CAPT. BANDARA
DURATION : TOTAL 4-5 HOURS

01. Colombo flag ship, found casualty (personal injury/stroke) near thalwan coast ,as a master what is your action ?
- Casualty handling
 - Medical treatments
 - Air lift the casualty (helicopter rescue)
 - Off hire
 - On hire
 - Casualty reporting format (~~CAF~~^{SRF}011), report to shipping officer within 24 hrs.
02. Master taking over duties within short period. What are the important things you will check statutory certificates ?
- Expiry dates
 - COC (condition of class)
 - Pending survey items
03. Explain MARPOL annex 6 (all areas) ?
04. Explain MARPOL annex 1 & oil record book ?
05. Explain MARPOL annex 5 , garbage management, garbage record book ?
06. ISPS review, audit , internal audit , audit frequency ?
- How to review
 - How to implement
 - Rso
 - ISPS assignments
07. Explain what is CSR (continues synopsis record) ?
08. If PSC officer found your one CSR record missing , as a master your action ?
09. You found a stowaway after departure West African port. What is your action as a master (full procedure) ?
10. Ballast water management standards & performance standards?
11. You will a master of ship which maintaining ISPS security level 01. Your ship will be arriving Indian port , ISPS & port officers said their maintaining security level 02 . They are insisting you to raise your security level, what are your actions and procedure will be following?
- They are requesting you to show your ISPS plan restricted section, what is your action as a master?

- Only showing the relevant section after company flag approval
12. How to conduct abandon ship drill onboard ship effectively?
 - As much as realistic.
 13. What is radar over reliance?
 14. What is ECDIS alarm management?
 - Planning / executing / monitoring / reviewing as necessary
 - What is look ahead function ?
 - What is safety contour ?
 15. How to verify a electronic certificate?
 - Serial number verification code
 16. What are the SEEMP objectives ?
 17. What are the MLC new updates ?
 18. As a master you will experienced food poisoning on board your ship. What is your prompt actions?
 - Who guidelines
 - Code of safe working practice instructions
 19. Your chief engineer will experienced bunker disputation after bunker operation. What is your action as a master ?
 20. What is GISIS (globally integrated ship information system) ?
 21. If your ship detained by port state control officers, what will you do as a master ?
 22. What is Parametric rolling and synchronize rolling ?
 23. What is Running Mooring , Standing Mooring ?
 24. Deep water anchoring , full procedure ?
 25. Your mate inform you that there is a huge different between draft survey and shore belt figures (Shipper BL prepared as per shore belt figure),what you will do as a master onboard ?
 26. Explain - what is Objective evidence , Observation , Non conformity , Major non conformity ?
 27. Explain – DOC ,Interim DOC , Dispensation Certificate , Exemption Certificate?
 28. How you implement ISM for a newly build vessel ?
 29. What is the procedure for implementation of MLC 2006 onboard your vessel ?
 30. What is Ill Code , verification and compliance , about IMO instruments?
 31. What is SEEMP , EEDI , EEOI ?

32. How do you take over the command as a master ?
33. How do you know that ISM has implemented onboard ?
34. What are the Shallow water effect ?
35. As a Master what are the duties after a collision ?
 - Initial actions
 - Statutory actions
36. What is Port of refuge, Flag state, second registry, Parallel registry, Flag of convenience?
37. Your vessel heading to Taiwan strait (100 miles north of Taiwan), TRS in the vicinity 200 miles away (south east of taiwan) . what is your action as a master ?

Thank you

PRABHATH KODITHUWAKKU,

CINEC (NAVIGATION CADET -BATCH 15).

Date: 21.09.2018
Candidate: R.W.Amaradiwakara
Examiner: Capt. S.M.S.Bandara



At the beginning examiner checked my CDC and ask my previous experience.

TANKER RELATED

01. What are the document keep ready before arrival to port if you are in tanker.
02. What are the check lists to be carried out before arrival to port on tanker?
03. What special document you keep ready before going for STS operation.
04. How to manage tanker operation on board.
05. How you manage the situation as master if you found oil discrepancy.

OTHERS

06. Your company which having only tanker fleet is planned to buy container carriers.

Company appoint you to be a master on new container vessel. Give me full ISM implementation procedure including company.

07. What is NC indicate. Explain it.
08. What is major NC indicate. Explain it.
09. How you closed NC. Explain in detail.
10. What is LOP and explain? Give Examples for that.
11. What is NOP and explain? Give Examples for that.
12. How you carry out ISPS review as master.
13. Your company maintain zero alcohol policy. The boson reported you that he found "OS" in drunk. What is your action as master?
14. Your AB having serious chest pain. What is your action as master?
15. When you received distress alert how you act as master. (Full procedure)
 - (i) If you are the only one vessel near to that distress vessel

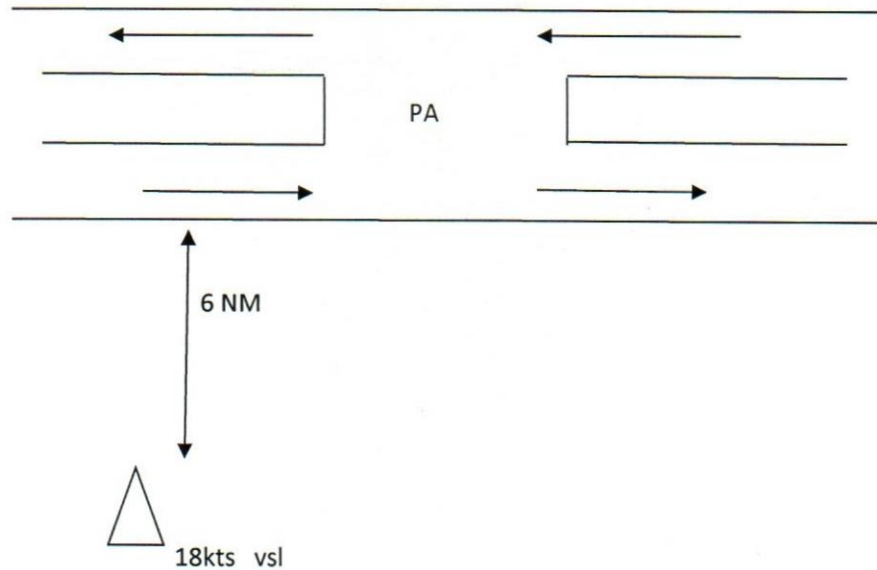
(ii) The distress vessel 50 mile to your position. You are the only vessel near to that vessel.

MRCC not acknowledged, what is your action. Give me full procedure.

(iii) What is the regulation related to above situation?

16. What are the OSC duties?

17.



Duty officer call master 6 NM to the TSS. ECR need 20 min notices to engine reduction. Vessel need to join west bound lane. Explain how you manage this situation as master.

18. If your duty officer not sign the Deck log book. What will be your action as master?

(i) If he continues his mistake every day, what will you do?

19. Explain Dismissal procedure on board.

20. How you get guidance for dismissal person from the vessel.

21. How you arrange the vessel for load line survey?

22. How you prepare your masters standing order when you go on board.

23. What are the master overriding authorities?

24. Explain master overriding authorities

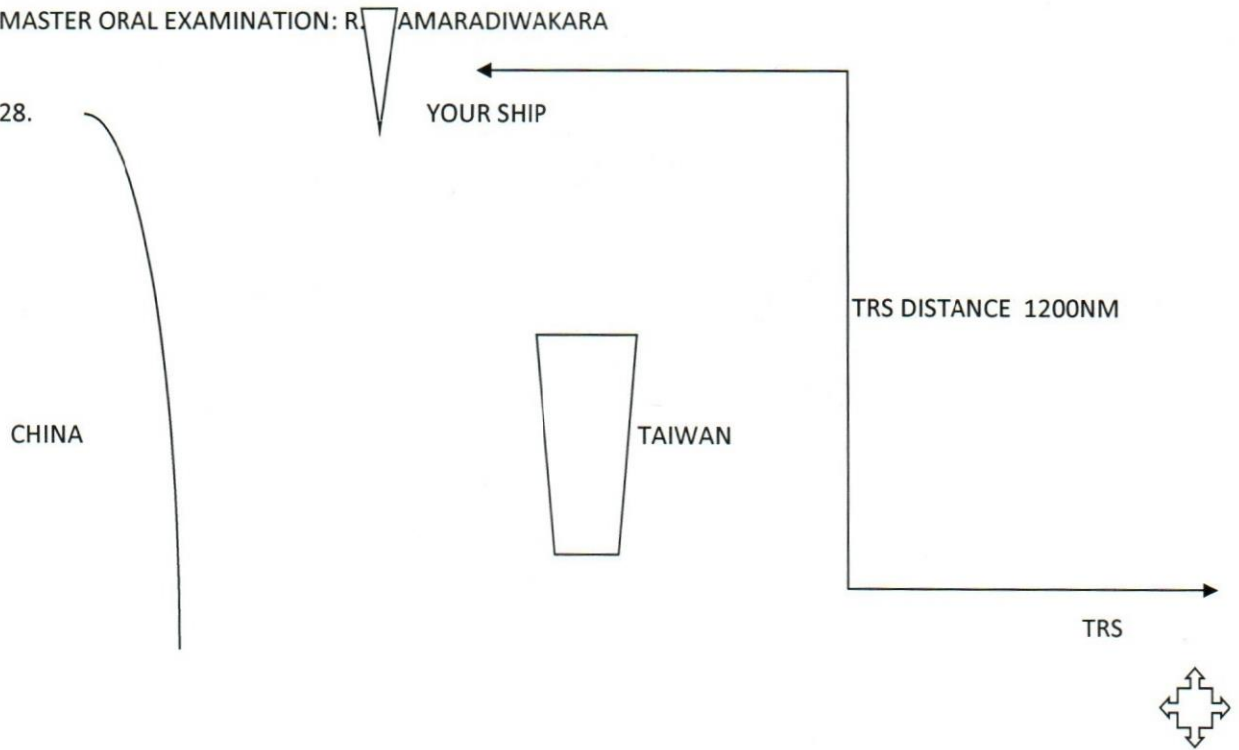
25. What is port of refuge? Explain?

26. What is place of refuge?

27. What occasion you go for port of refuge?

MASTER ORAL EXAMINATION: R. AMARADIWAKARA

28.



What is your action as master?

29. What is clean BOL?

30. How you clause the BL

31. Why You clause the BOL.

32. How you carry out sanitary inspection on board the vessel.

33. from where you get the guide line for sanitary inspection on board the vessel.

34. How you manage the alarms on ECDIS.

35. How you make sure the duty officer get action related to alarms on ECDIS.

36. When passage planning how you manage the alarms on ECDIS as master.

37. How you carry out on hire survey on board.

38. What purpose on hire survey carry out.

39. What are no x technical file and no x technical code?

40. What are the includes on that file.

41. What is polar code and polar manual?

42. What are the garbage new amendments?

MASTER ORAL EXAMINATION: R.W.AMARADIWAKARA

43. What is IGF code and new training requirements?
44. How you manage the food poisoning on board as master. What are the advices you give to your crew related to avoid food poisoning?
45. Explain full garbage disposal procedure.
46. One bunker hose got damage while bunkering. What is your action as master?
47. To whom you inform.
48. Accidentally activated your EPIRB. So what will be your action as master?
49. What are the RCDS limitations?
50. What is DOA and how you issue a DOA?
51. What are the special documents get in to consideration when giving DOA.
52. If you found one crew member having miss behaviour (abnormal situation), action as master.
53. You have to arrange 40 days long voyage which lay on ice area. How you manage to prepare the voyage.
54. How you prepare for specially ice navigation for vessel.
55. Explain full anchoring procedure.
56. How you maintain bridge team.
57. What is BTM?

AS FAR AS I UNDERSTOOD EXAMINER NEED FULL COMPLETED ANSWERS TO HIM QUESTIONS. IF THE CANDIDATE CAN MANAGE TO GIVE FULL ANSWER RELATED TO QUESTIONS HE ASK WILL NOT GO THROUGH WITH ANY CROSS QUESTIONS.

SINCERELY THANKS TO ALL OF MY LECTURES AND FRIENDS, WHO GUIDE AND ENCOURAGE ME THROUGHOUT FROM CADET TO MASTERS.

GOODLUCK AND ALL THE BEST!!!!

MASTER ORALS



Candidate : I.T. Jayawardana

Examiner : Capt. G. Wilson

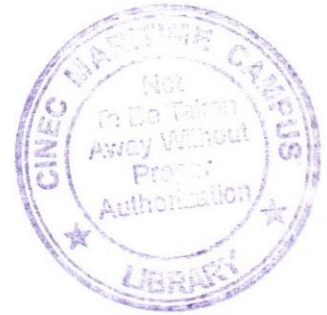
Date : 21-09-2018

Time : 0930 – 1145 LT / 1230 -1315 LTD

- 1) Advantages of having ISM onboard.
- 2) Implementing ISM on a brand new ship as a fresh Master.
- 3) Muster list and Emergency duties come under which section of SOLAS.
- 4) What is Ship Sanitation Control Exemption certificate.
- 5) Where to find health rules.
- 6) Preparation for sanitation inspection.
- 7) Objectives of ISPS.
- 8) What is SSP.
- 9) What can be found in SSP.
- 10) Unreasonable detention by PSC officer. Action as a master.
- 11) Can PSC detain a ship based on incompetency of ships officers.
- 12) What is bareboat charter.
- 13) What is first registry.
- 14) What is flag of convenience.
- 15) Responsibility of Master in grounding/stranding.
- 16) Whom to be informed.
- 17) What is P & I.
- 18) What are the 3rd party liabilities.
- 19) Who covers other damages.
- 20) What are search patterns.
- 21) What is Sector search.
- 22) What is search datum.
- 23) Responsibility of Master when a distress message is received.
- 24) Duties of On Scene Commander.
- 25) What is Extended Dry Docking.
- 26) Precautions when In Water Survey.
- 27) What are the areas check during IWS.
- 28) What are the checks done on propeller.
- 29) One crew member severely injured. Master's responsibility.

- 30) Entries to be made in which log books.
- 31) What are the contents of Official Log Book.
- 32) What are the contents of Deck log book.
- 33) How to close an Official Log Book.
- 34) Preparation for Safety Equipment renewal survey.
- 35) Vessel is proceeding in a narrow channel. 3rd officer calls and tells you that he sees a vessel with 3 all round red light on right ahead. Your action.
- 36) What is the day signal of vessel constrain by her draft.
- 37) What are the latest changes to COLREGS.
- 38) How to prove authentication of Electronic certificates.
- 39) Responsibility of Master before flooding the dry dock.
- 40) What are the SOLAS drills.
- 41) How to prove that security drills are properly carried out.
- 42) Responsibility of Master when stowaway is found onboard.
- 43) What is FAL convention.
- 44) What is IMO and it's responsibility.
- 45) Bunker dispute – 100 t of excess bunkers found onboard by charterer's bunker surveyer. How do you handle it.
- 46) Once everything is settled, what should be your next action.
- 47) How to verify ORB entries are correct.
- 48) What is clean Bill of Lading.
- 49) How to clause BL.
- 50) What are the documents to be carried under MARPOL CH V.
- 51) How to manage garbage onboard.
- 52) How to verify records in GRB are correct.
- 53) Explain Ballast Water convention.
- 54) What are the D1 & D2 standards.
- 55) Master taking over full procedure.

WISH YOU ALL THE BEST..!



Candidate- Amila Piumal Gamage
 Examiner - Capt. Asiri Herath
 Date : 08th February 2018

- 1) What are the statutory responsibilities of a master?
- 2) What are the 6 main instruments of IMO?
 SOLAS, MARPOL, STCW, MLC (he said MLC is not a major instrument.) I think the other three what he expected were - load line, Tonnage and COLREGS.
- 3) You are approaching berth, port authority says that there are no tugs in this port and it's a customary practice of the port to berth ships with out tugs. What are your actions?
 Conducting a BTM, explaining my plan and what I require from them (distances and clearances), obtaining accurate weather reports, obtaining latest survey reports and tide tables, berthing plans of the port, updated charts, letting both anchors in cock-a-bill position ready to let go, bow thruster in optimum condition, master pilot information exchange...etc. issuing an LOP to the charters for not providing tugs..
- 4) What is re-tendering NOR?
 What are the occasions you re-tender NOR?
- 5) How do you get COC deleted?
- 6) How do you manage resources onboard when entering a heavy traffic area?
- 7) What is the definition of "deck line"
- 8) What are the parts of ROR?
 What is part E?
 What is part F?
- 9) How do you evaluate the passage plan?
 Stability, weather, any limitations (such as load line, int. Navigation limits, class restrictions, charter party, CBA restrictions, high security zones, passing ECA limits, Garbage, sewage special areas), ballast exchange procedures, bunkers sufficient, available UKC, air draft, any other restrictions, availability of charts, publications, also I mentioned about route checking option of ECDIS.
- 10) What is damage stability plan?
 What is the regulation of the same?
 SOLAS, ch.2-1, reg. 23, 23-1.
- 11) What do you check in a mates receipts?
 Quantity and quality of cargo is the same as what was loaded.
 What remarks do you insert?
 loaded from open storage, wet before shipment, signs of previous handling, scratch marks observed... etc.
- 12) How do you anchor in deep water?
 What is the max depth you will anchor? How to determine it?
 What he expected was as a rule of thumb a depth more than 4 shackles (approx.100m) is considered as deep water.
- 13) What are the PSC detainable deficiencies?
 Mentioned in Paris MOU website
- 14) What is the action when and before you enter a high risk area?
- 15) What were the latest amendments to MLC?

- 16) What are the limitations of a passage?
- 17) What are the latest amendments to IMDG code?
- 18) What is a near miss? What are the subsequent actions after observation of a near miss?
- 19) What are the objectives of an abandon ship drill? Where are they mentioned? SOLAS, ch.3, reg 19.
- 20) How do you prepare your vessel for an ISM audit?
- 21) You have entered Taiwan strait. TRS is approaching and weather report says intersects your position in 48 hrs. What is your action?
- 22) You find the vessel is over loaded at sea. What's your action?
Place of refuge and discharge.
What are the examples of vessel being over loaded at sea?
Ice accretion in northern lats, recovery of passengers from a distress vessel, miscalculation of bunker consumption...etc.
- 23) Your chief officer reports you after completion of loading that vessel is over loaded. The port doesn't have facilities to discharge cargo. What is your action?
Can pump out FW, ballast, or give away bunker and go to a port where discharging facilities are available. No dispensation from flag state for overloading.
- 24) What are the factors governing maneuverability of a vessel?
- 25) What is seaworthiness?
- 26) How do you get inward clearance?
- 27) What are the entries in the OLB narrative section?
- 28) During cargo operation your ships crane wire parts, stevedores were operating ships cranes, cargo parcels get damaged. What's your action?
- 29) Who is liable for the damaged cargo in the above scenario?
- 30) How do you conduct a debriefing session after a drill?

I hope these questions and answers will help improving your knowledge and help you to be ready for orals. Wish you all success...

Thanking you.

Piumal Gamage.



Examiner : Cpt.Asiri Herath
Candidate : Dakshina Gunathilake
Date : 08/06/2018 from: 1315 hrs. to 1445 hrs.
11/06/2018 from: 1300 hrs. to 1405 hrs

- 1) What are shallow water effects? Explain each.
 - a) What is wind screwing – unsymmetrically blowing of wind
 - b) What is wind pupping – stern seas/wave
 - c) Navigational precautions at narrow channel
- 2) CT #01 explosion, one crew member severely injured, v/c transit in coastal, what is your action as a master? Within few minutes C/Eng report fuel has contaminated with S/W, explain your action?
- 3) How to clean up oil pollution on sea?
- 4) What is reporting procedure for oil spill where it says?
- 5) What is ice navigation? Master action? Documents required for ice navigation?
- 6) What is shallow water effects & How to minimize?
- 7) What is masters responsibility regarding reporting? Where it says?
(Solas Ch V Reg 31,32 I explain 33&34 as well)
- 8) What is the Beaufort scale for report TRS?
(10 or more Solas ch V reg 32 para 4)
- 9) Cargo disputes? Your action?
- 10) PSC detention unnecessary, what is your action? To whom you report first?
(He was not satisfied with owners, flag state & also with port state expected answer was DGMS to be reported within 15hrs)
- 11) Who issues the PSC detention?
- 12) Procedure of reporting PSC detention
- 13) ISPS review as a master? What are the certificates & documents required?

- 14) What are the MARPOL Annexes? And Docs required?
- 15) What is technical file?
- 16) As a master how you prepare V/C for vetting inspection? What is the purpose of vetting inspection?
- 17) What are the amendment for ESP?
 - Provide safe access for surveyor entering enclosed space on oil & Bulk carriers on/after 2018 January 1st (MSC Resolution 405 (96))
 - Surveyor should always accompanied by at least one responsible person, assigned by owners experienced in tank and enclosed space inspection.
- 18) What are ISM certificates?
- 19) What are the SOLAS & MARPOL certificates?
- 20) Berthing without Tugs? (procedure)
- 21) Weather reporting says TRS within 2days time your action?
- 22) How to identify TRS? & avoiding action (I explained only NH)
- 23) How you mitigate ice accretion? How you identify the severity of ice?
- 24) What is load line warranty?

(He was expecting the additional insurance for v/l proceed beyond INL)
- 25) What is N/C & how to close it?
- 26) What is masters overriding authority? Where it says?
- 27) Who issues the port clearance? Documents required for port clearance?
- 28) What are the MOU's of the world?
- 29) Ballast water exchange cannot take place, your action? Where to record?

He was given me an assignment on Ships certificates and Documents.
My Gratitude to all my colleagues in Master's Batch 26 and All CINEC Lectures.
Wish you all Success.!!



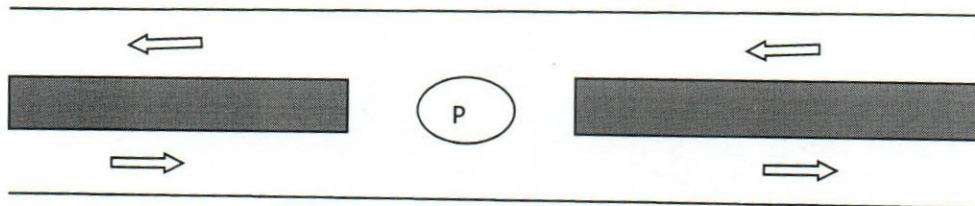
- Name of Candidate - Rajitha Daham Semage
- Name of Examiner - Capt. S.M.S. Bandara
- Date of Examination - 07th February 2018
- Time of Examination - 1110 Hrs- 1220 Hrs & 1305 Hrs to 1348 Hrs

Note: if you have referred to the orals papers of the recent past, my one is not much different at all. I would try my level best to remember all the questions that were asked. Hope and pray that this would be helpful to you all. But just one piece of advice that I would like to pass on is that, you will have to show you are confident. I am 100% SURE that I did not answer all the answers correctly. But the examiner looked beyond the ones that were wrong most of the time. Whatever the ones that I made mistakes, the examiner described how it should be done at the end.

Question paper

1. You are to load 60000Mt of Project cargo (Boxes), and you inform the Chief officer to do the calculation. What will you check once you receive the calculation from the Chief Officer?
 - a. I replied that I will double Check the quantity given by the Chief Officer, then he asked, why do u want to double check the Chief Officer? Is it because you don't have faith in him?
 - b. What are the most important things that you have to check as the Master in such situations.
 - c. What would your actions be if the chief officer's answer is wrong?
 - i. I answered that I would discuss things with the chief officer in a friendly manner and request him to improve his performance.
 - d. What if the mistakes continues to repeat itself from the Chief officer? (Dismissal Procedure)
2. How will you carry out the ISPS review as master?
 - a. How will you correct the observations that you have made in the ISPS review?
3. How can you ensure that the ECDIS regulations are complied with?
4. How will you evaluate the Second Officers passage plan?
5. How will you check whether the duty officers are attending the alarms in a timely manner?
6. You are to undertake a voyage of 40 days, how will you prepare the vessel?
7. Your vessel is bound to transit the Taiwan Strait, and you receive a TRS warning which is about 1800 Nm away, but if you continue your course and passage, you will meet the TRS head on. What would be your action?
 - a. Why would you stay 50-100 Nm east of Taiwan?
 - b. The weather routine asks you to continue just 10Nm east of Taiwan, but you do not have the appropriate charts to do so, what would you do?
 - c. I answered that I would use the Master's overriding authority. What is Master's overriding Authority?
 - d. Where is it mentioned?
8. What is P&I club?

9. What is the difference between ILO and MLC?
10. During bunkering the hose bursts and results in an oil spill, what would be your action?
11. Your Chief Officer meets with an accident inside the cargo hold. What would be your subsequent action?
 - a. What is a dispensation?
12. You are to transit less than 12Nm from a coastal state's Baseline. What would be your action?
 - a. What is a base line?
 - b. What is UNLOS?
 - c. What is territorial waters?
 - d. What is contiguous zone?
13. You receive a distress call during passage. What would be your consequent actions?
14. What are the search patterns?
15. What is LOP?
16. What is NOP?
17. What is the difference between LOP and NOP?
18. Give examples for LOP and NOP?
19. Your shipper requests a clean BL for rusty steel cargo, what would be your action?
20. Under what circumstances will you issue LOA to sign the BL?
21. You are approaching a heavy traffic area, how will you manage your bridge resources?
22. What are your bridge resources?
23. Your second Officer reports that the Bosun is complaining of chest pains. How will you handle the situation?
 - a. What is radio medical advice?
 - b. What is port of refuge?
24. Your crew comprises of many nationalities. They complain of poor quality of food. You have bought all the provisions, and the cook is also doing a fair job. But the food committee are complaining. What would be your actions?
25. Your Bosun reports to you that the OS is drunk and will not report to work. How will you handle the situation?
26. What will you refer during a casualty investigation?
27. What are the latest amendments to MARPOL?
28. You are approaching a TSS as below. How will you proceed?



Situation: the vessel is to enter the west bound lane. How will you enter the west bound lane

29. What are the publications that would help you during a rescue operation?
30. What will you check in the BL?
 - a. How many copies of BL are to be signed?
 - b. To whom will the three copies be sent?
31. What is damage stability and how will that help you?

I think above is all the questions that were asked from me. I would like to pass my gratitude to all the lecturers at CINEC, all my batch mates and especially to Rajeewa Wickrama Hewage. His Master's orals preparation book was extremely helpful in preparations for Orals.

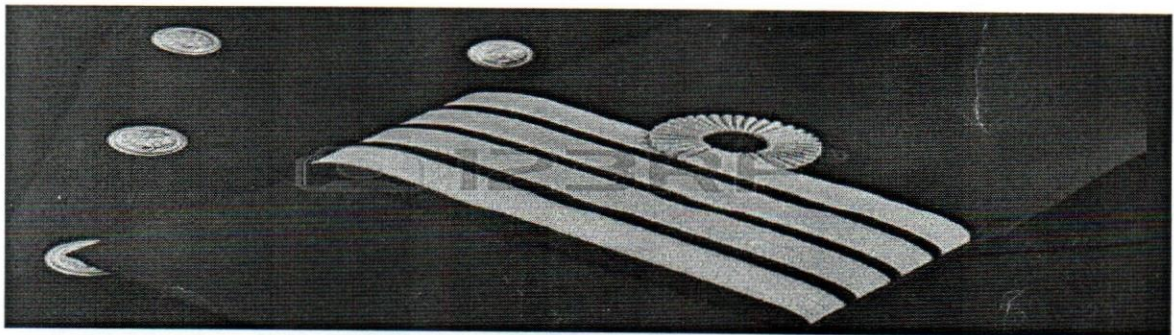
Wish you all the very best for the exams.....!!!!!!

ORAL EXAMINATION



Date: 28.09.2017

Time: 0915 – 1145, 1515 - 1545



Examiner: Capt. Asiri Herath

Candidate: D.N.F.Baduge

1. Master's responsibilities towards the Crew, Owners, Charters and Cargo Owners?
2. Where is it mentioned?
3. How do you implement ISM system onboard?
4. How do you review ISM system onboard?
5. How do you plan for anchoring?
6. How do you plan for deep water anchoring?
7. Once you drop anchor, Chief Officer informed you he can't heave up the anchor. What is your action as a Master?
8. You have a brand new 3rd Officer. Even though you informed your 3rd Officer not to pass the abort point, he passed the abort point and informed you later. What is your action as a Master?
9. What are the safety precautions need to take during river passage?
10. Effects on the Vessel during the river passage?
11. What do you understand of Bank Cushion, Bank Suction, and Interaction?
12. After the bunker survey there is a bunker dispute. What is your action as a Master?
13. How often you will carried out QI notifications/ Drills?
14. Who is qualified individual?
15. While you are approaching US waters there is an oil spill on your vessel. What is your action?
16. Turning short round?
17. Position of the pivoting point when going ahead/ astern/ when pulling from the tug from stbd bow?
18. Explain seaworthiness and cargoworthiness?
19. When will you issue NOP, letter of indemnity?
20. Examples of NOP and letter of indemnity.
21. What is Warranties? Examples
22. What is Exemption/ Dispensation?
23. What is statutory certificates and trading certificates?
24. Examples for statutory certificates and trading certificates?
25. Validity of statutory certificates?
26. The difference between flag state and port state?
27. How do you prepare your vessel for flag state inspection?
28. What is harmonized survey system and the reason having harmonized survey system?
29. Who will issue the Port clearance?
30. What are the new structural modifications for 21000 TEU container vessels?

Two assignments were given regarding about statutory certificates/trading certificates and Terms used in Maritime Law. Completed 30.08.2017.

I would like to take this opportunity to thank to everybody especially to my lectures and my friends who are encourage me gain this achievement.

Be confident and give straight forward answers!!!

Good luck for your orals!!!!!!!!!!!!!!!

D.N.F. Baduge

MASTERS ORALS

CANDIDATE → S L S. FERNANDO -
1st AT. EXAMINER → CAPT. SUNIL JAYAWEEERA
2nd AT. EXAMINER → CAPT. ASIRI HERATH.

18 / JAN / 2017 1st Attempt!

- 1. My Past experienced on Emergency situation
- 2. Full Anchoring procedure?? / ?
- 3. While approaching to the Anchorage. Port control instructed to go for another Anchorage. What is your action.

↳ BTM, contingency Plan.....

- 4. While proceeding V/SL Altering to port & you ~~suspect~~ feel that the vessel not turning as usual. What could be the reason

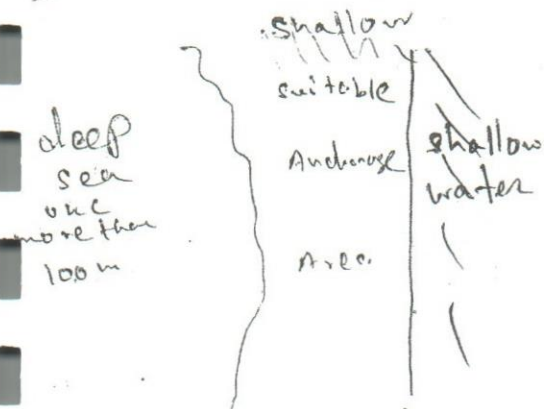
↳ Shallow water effect
Tidal change, change of current /

- 5. In Mid night 3rd off call you, saying that there is a vessel 3 miles from stbd bow in a collision course. & No response from that vessel. Also a lot of fishing traffic surround by you. ...

- 6. How do you turn your vessel during the heavy seas.


- 7. What is sea, swell & wave??

- 8. How do you Anchor in an per below situation



- 9. I said used running mooring or standing mooring depend on the current?

OK

10. How do you performed the Running mooring
11. How do you come out after Running mooring?
Sleeping Anchor Heave up while ridding Anchor (pay out)
12. How do you loading a cargo with water? 
13. What are the precautions that you have to do as a Master?
14. Pumping of Bilging ----- procedure??
15. in discharging port & cargo dispute? 100T less after allowances reduction. What is your action (share sir's book).

16. 2nd Attempt. 02/02/2017

17. Asked What are the answers for the previous mistakes in my 1st attempt.

18. What is your action on when VSL on demerage? (B5-2)
19. What is Masters responsibility towards owner & charterer?
20. What is Masters overriding Authority? Who says that?
21. How do you assist a distressed vessel? X
22. What is your salutary clutter. X
23. What are the information you exchange with the other vessel. X
24. When completing a bunker. there is a bunker dispute. What is your action.
25. What is the weather condition near South Africa
26. Abnormal waves & Angular current
27. What is class. / What is P&I O.K.
28. Explain UNCLOS.
29. What are the Amendments for MLC? What is the latest one?

Multiphase
Low Sulphur
48-48
LLE
Signature
60

20. Ok. now you are enroute to a port. Charterer ask you to deviate the use for a port in ECA area. what is your action. & you dont have ~~not~~ Low sulphur fuel.

21. Ok. now you are on a voyage ~~in~~ used to pass ECA area. & ~~etc~~ ~~that~~ you received the bunker Analysis report ~~says~~ stating that the sulphur content is above. what is your action. $6 \times 3 = 18$.

22. What is SOx & NOx Technical file.

23. What are the satutory certificate carry on board.

24. How do you assist a vessel in distress & who says it

25. At sea one vessel asking your help, but not in distress. what is your action.

26. now she is drifting towards to a shallow patch what is your answer.

27. How do you prepare & your vessel for inward clearance?

28. How can you discharge cargo ~~whi~~ without presenting a B/L to you.

29. Your 2nd officer sick ~~wants~~ wants to repatriate. for further treatment. what is your action.

30. What is dispensation / certificate Exemption & Short term Interim certificate

msn Notice 27/2016. (D/GUS SL)

What are the future amendments to come in morpol annex V. - Garbage
E1 waste, New Garbage Record book, non cargo residues, cargo residues.

Thanks & Best Regards.

OK.

06 FEB 2017

(1000hrs - 1200hrs)

MASTER'S ORAL

- Capt. S.M.S. Bandara

(1300hrs - 1320hrs)

- Y.D.D.S. Bandara.

What is MLC convention? {B3-①}

How do you implement MLC onboard?

What is given in DMLC PART 1 & DMLC PART 2?

4). What is master's responsibility during ~~usage~~
Pilotage? {B7-⑥}

5) During Pilotage at Shanghai river, you suspect bottom touch. How do you know that? & what is your action.

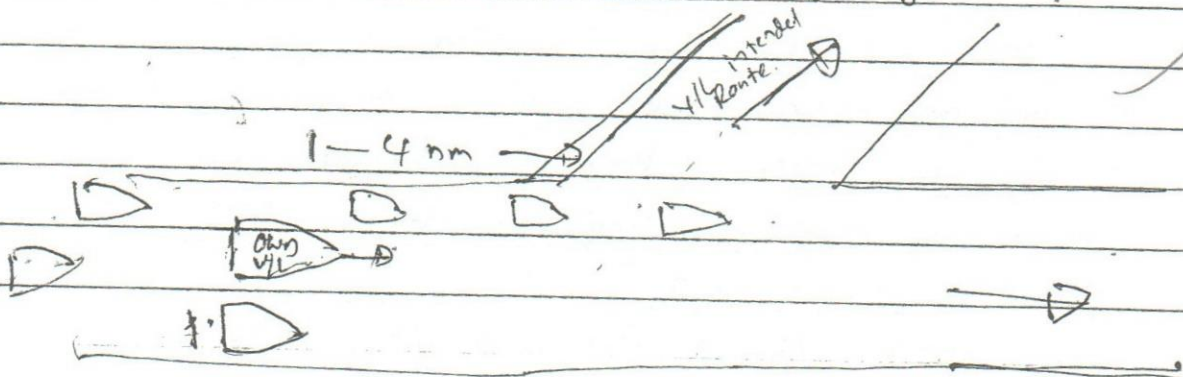
6). TRS in Caribbean sea, your vessel is 1800 nm from the TRS and in East Coast of America. What is your action.

7) TRS in the vicinity 200nm, your vessel in China Coast N of Taiwan. What is your action.

8) Ship wx routing service advised to go East of Taiwan from 10 nm distance to the Taiwan Coast. But you don't have charts. Then what will you do.

9) After 7 days of sailing you found there is a Banker dispute. How you handle it?

10) Your vessel in TSS. (Refer below diagram). 3 left called you and informed that he cannot alter the Co' because of fuel vessel getting close, action?



11) What are the things you will check in BL?

12) How many copies are there?

13) What is the purpose of having original BL and copies stamped as 1st copy and 2nd copy?

14) Shipper loaded ~~steel~~ Rusted Steel (10% Rusted). He is want a clean B/L. What you do?

15) What is master's overriding authority?

16) What is master's obligation while assisting to a Distress vessel?

Crew Management
17)

Passenger vessel in distress. 2000 passengers onboard. you are the nearest VLB. What is your action?

18) How do you manage the passengers after taking onboard?

19) What is port state and flag state?

20) Explain Ballast Water Convention, what documents you should carry?

21) What are the latest amendments to MARPOL?

22) What are the documents you have onboard with regards to ISPS.

23) PSC officer asked you to show SSP. Which doc you will show to him.

MC 24) Your AB at gangway watch allowed PSC officer to come onboard. But he gives a wrong ID card. AB did not notice that. He is going to detain the VLB for this reason. How you handle this?

25) A crew member complains about severe chest pain. your action?

26) You found O/S is fully drunk while off duty time. What you will do?

06 FEB 2017

(1000hrs - 1200hrs)

MASTER'S ORAL

1 - Capt. S.M.S. Bandara

(1300hrs - 1320hrs)

2 - Y.D.D.S. Bandara.

What is MLC convention? {B3-1}

How do you implement MLC onboard?

What is given in DMLC PART 1 & DMLC PART 2?

4). What is master's responsibility during ~~usage~~ Pileage? {B7-6}

5) During Pileage at Shanghai river, you suspect bottom touch. How do you know that? & what is your action.

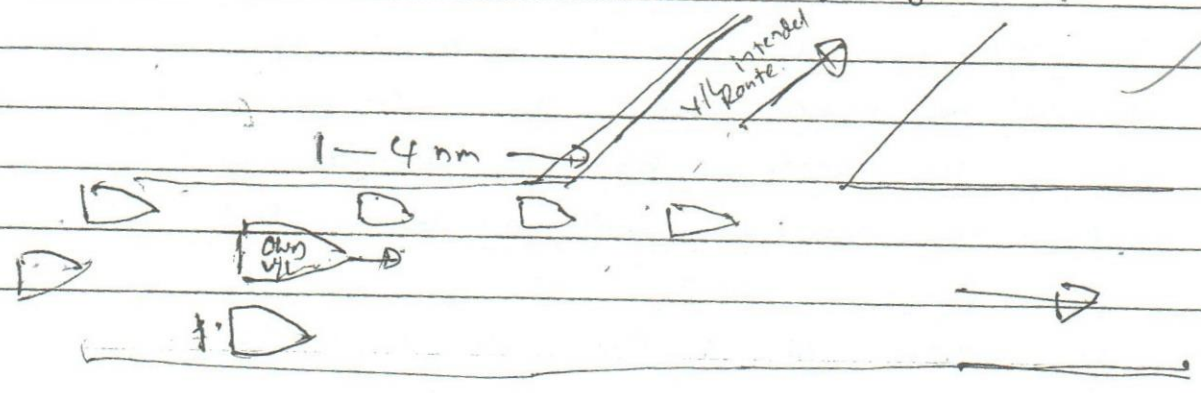
6). TRS in Caribbean sea, your vessel is 1800 nm from the TRS and in East Coast of America. What is your action

7) TRS in the vicinity 200nm, your vessel in China Coast 'N' of Taiwan. What is your action.

8) Ship wx routing service advised to go East of Taiwan from 10'nm distance to the Taiwan Coast. But you don't have charts. Then what will you do.

9) After 7 days of sailing you found there is a Banker dispute. How you handle it?

10) Your vessel in TSS. (Refer below diagram). 3 left called you and informed that he cannot alter the Co' because of fuel vessel getting close, action?



27) AB went for shore leave, but he 'did not return to the vessel'. How you handle this situation? (next of kin)

28) Charter informed you to load 85000 MT $\pm 10\%$. Your C/O calculated and given you the figures. How you verify his figures are correct?

29) How you prepare your vessel for a long sea passage?

30) What is damage stability? How it effect your vessel?

Best wishes for your oral examination.!

Special thanks to my Batch mates of Master class and Cinec lectures who supported me to achive this target !

SMS Banders

1. How's convention come in to force? ✓
2. What is MLC convention ✓
3. How MLC convention benefits to the seafarer ✓
4. NEW fleet, ISM Implementation, reviewing? ✓
5. What is clean BIL, How many BIL or original BIL, purpose of original BIL, content of BIL. ✓
6. 1500. passenger ship in Distress you's the closest v/c what's your action, ✓
What is your priority while ~~being~~ rescuing passengers ✓
7. 40 Days sea passage, preparation for that. ✓ (B2-38)
8. What is missing Casualty? What is the code you refer. ✓
9. Ship departure from Shanghai TRS approaches 1800 Nm S' of Taiwan what is your action ✓
Weather routing said to you pass 6' East of Taiwan after clear the TRS, but NO charts available on board HOW you pass. ✓
10. What is port of refuge ✓
11. What is means of perils? ✓
12. you will see 3 green lights, 00. what is your action, How you pass ^{night or head} ✓
13. Case study Costa Concordia, implementation? ✓ (B2-44)
14. port state, flag state, their duty ✓
15. OS is abused Alcohol, what is your action ✓
16. Emergency situation at port ✓
17. 1 AB reported, fire after, 2 AB collapse, red elevator you action ✓
18. master responsibilities during pilotage ✓
19. master suspect ship bottom touches the ground what's your action ✓
20. LATEST Amendment to SOLAS. ✓
21. LATGS Training for STCW. ✓
22. Loading of 50000 ± 10% cargo, How you verify ✓
23. What is clean BIL your cargo is rusted plate, charter request clean BIL what's your action. ✓

24 Damage stability?

25 content of Damage stability plan

(0.12)

Oral Examination for Master Class 1

Examiner : Capt. Bandara

Examiner went through my documents and questioned me on my previous experience on various vessels specially accidents and near miss occurred onboard during my sea time.

1- How do you take over the command of the vessel as the Master?

Ans.

- a) First of all before taking over command I will familiarize myself with Safety, environmental and security policy and go through SMS manual and system. Understand the line of communication.
- b) Before joining I will be called for briefing in office and I will Have a check list and question to ask from DPA or Superintendent of the vessel. Other important instruction regarding maintenance and survey. Vessel's trading area.
- c) When joining the vessel before going to master's office will look around ship side, gangway, accommodation ladder and pilot ladder this will give me an idea how the vessel has been maintained.
- d) On the gangway observing security system.
- e) Then I will meet the outgoing master. Hand over him the joining letter. Go through the handing over not. Make note of any deficiency in ship's maintenance plan.
- f) Confirm with him sailing time, next port of call and cargo being loaded / discharged.
- g) Check all the required certificates for the trade are onboard and are valid.
- h) Check all crew documentation and confirm they are valid and as per flag state requirements. If not inform the company.
- i) Confirm for any deficiency during last port state inspection. Take maximum information from outgoing master about the vessel safety and maneuvering characteristics and about the main engine
- j) Meet chief officer and confirm with him present situation of cargo and any report of damages.
- k) Meet chief engineer and confirm with him the condition of engine room and machinery. Ensure all ready for the voyage.
- l) Take charge of the ship's safe know combination number.
- m) Have ready all R.O.B .
- n) Prepare OLB entries including signature.
- o) Then have a meeting with 2/O and confirm the passage plan as per weather routing and ensure it is safe to proceed. All required charts and publication for the voyage are onboard and up to date/valid.

2- What are the safety points you will consider when taking over?

- a) The bridge procedure guide should be referred.
- b) Vessel is upright and in stable condition.
- c) Before sailing schedule check planned route weather fore cast for the passage.
- d) Confirm that ISM code is implemented on board and SMS is in compliance.
- e) Confirm from chief officer that cargo hold and hatch covers are in god condition.
- f) Call a meeting with all officer and crew discuss the voyage and next port.

22. If pilot action is not sufficient to avoid the danger and he is not cooperating with you what is your action?

23. You join as a master for a VLCC and company instruct sail one voyage with the outgoing master after arrival of next port you will get the command. During approaching to the port you outgoing master and chief officer on the bridge and outgoing master manoeuvre the vessel, suddenly outgoing master and chief officer had an argument and they not concern about navigation. Vessel is heading towards the danger. What is your action?

As per the safety of the vessel I will take the proper action

24. You are take action to avoid the situation but it's too late vessel ran aground and cause heavy oil pollution. outgoing master blame you are responsible for the accident. How you safe guard yourself.

Still the outgoing master is having the responsibility of the safety of the vessel. So he cannot blame on me. But to safeguard myself I will take backup of VDR. And I will issue letter of protest against outgoing master.

25. When an oil spill occurs what are your actions. In USA waters within how much time duration should you notify OI.

26. Your next employment from Aden to South Africa Company provide 04 sea marshals and instructed to you to proceed with 20 nm off Somali Coast. But during first security drill find the security guards unable to shoot successfully to a floating barrel target. What is your action?

I will inform about the poor performance of them to the CSO. And as per BMP 4 I will proceed as far as possible from the Somali coast (at least 100nm).

27. What is flag state? *where the ship is registered.*

28. What is port state? *All the state other than flag state.*

29. Your second mate informs one crew member is complaining he is suffering neck pain what is your action?

30. Your crew members complaining their monthly allotment was not sent to their bank accounts during last two months what is your action. What are the requirements as per MLC 2006?

As per the onboard complaint procedure I will inform to the company.

31. Owner said all the money sent to the crewing company.

According to the MLC 2006 crew complaint procedure, flag and port state has more power to investigate and get money from the crewing agent.

** Compt Investigate from the crewing agent still they are not willing to solve the problem master can inform V/L administration or flag state to get solve the matter. (MLC crew amendment on 2014, owners has to keep a commercial bond against V/L and crew so the administration can solve the disputer from that such as crew wages or ship claims)*

*SOPEP
BIB
on tank*

- 54114 5
5-128 x 36
1651
- g) Ensure to familiarize with LSA and Fire fighting equipments are in working condition.
 - h) Consider current tides and wind in channels.
 - i) Passage plan is discussed and parallel index and safety margin are marked
 - j) Ensure sufficient bunkers and stores are onboard and extra as per voyage plan keeping in mind if weather deteriorates.

3- What are the statutory certificates carried onboard?

- a) Ship's registry certificate
- b) International tonnage certificate
- c) International Load line certificate
- d) International load line Exemption certificate
- e) International oil pollution prevention certificate
- f) International air pollution prevention certificate
- g) Safety management certificate
- h) International ship security certificate
- i) Cargo ship safety construction certificate
- j) Cargo ship safety equipment certificate
- k) Cargo ship safety radio certificate
- *l) Cargo ship safety certificate
- m) Document of authorization to carry grain cargos
- n) Certificate of insurance or other financial security certificate.
- o) Ship's stability booklet
- p) All officer and crew documents as per flag state

4- As master how are going to plan a passage Vancouver to Japan?

- a) Bridge resource management is the first step I will take and make it effective. Have a BYM carried out and discuss the departure from port as the pilot will board and allocate the duties to BTM team. Ensure vessel is secured and tight for going to sea.
- b) Check with if charterers have appointed weather routing.
- c) Plan passage berth to berth. Confirm port and berth is safe is allocated
- d) Collect all data from weather forecast and determine if I will be encountering any low pressure try to avoid heavy seas and wind planning the route will be sent to weather routing and if they agree then plan safe passage through rumb line keeping at least 200nm away from the low pressure area.
- e) Inform charterers about my plan and give ETA

5- What precaution you are going to carry?

- a) Carry out risk assessment for the voyage and eliminate all hazards.
- b) Confirm vessel is upright and will be in stable condition during the voyage
- c) Sufficient stores bunkers are onboard

- d) Main engine and other auxiliary machineries are in good and can stand the weather ahead.
- e) Parallel indexing and safety margin are discussed.
- f) Confirm with chief engineer how many engine moment can be given simultaneously
- g) When pilot on board discuss passage plan, water depth in channel, tide, current tugs to be used.

6- How many days reserve you keep onboard for 30 days voyage?

- a) 6 days / as per SMS

7- What is ISM?

International safety management code is a mandatory procedure by IMO to operate and maintain ship to be followed by company and vessel. Company should comply with the regulation and setup a system to be followed onboard.

8- What are the certificates issued under ISM?

- a) There are two certificate required for ISM
 1. D O C that the company is complying with the ISM system for ship's under the company and a copy of the D O C certificate should be onboard
 2. SMC is issued to the ship that ship is complying with ISM and original certificate to be onboard.

9- How do you know ISM has been implemented onboard your ship?

By checking the copy of D O C is onboard and the type of ship is included and valid SMC certificate onboard that SMS is operating onboard.

10- What is Masters overriding authority and where it is mention?

- a) Onboard all procedure to be followed as per safety of crew, vessel, environment and cargo if at any time I observe that the safety of crew, vessel, environment and cargo is jeopardized I will use my over riding authority and give overriding orders.
- b) This is to be clearly mention in SMS system as per the ISM

11- What is role of Master when navigation with pilot?

All though the pilot is onboard and navigating vessel through the channel or the passage assigned to him, my role as a master remains safety of navigation, in no circumstances I will relieved from my responsibility for the safety of crew, vessel, environment and the cargo. I will discuss the passage plan with him and monitor the execution of plan, if at any time during the passage I observe that the pilot has given the wrong maneuver I shall use my overriding authority and take immediate action to safety of navigation.

12- What you do if pilot action is not satisfied for you?

If at any time during the passage I observe that the pilot has given the wrong maneuver I shall use my overriding authority and take immediate action to safety of navigation.

13- What you will do if chief officer is not cooperating for you and his performance is poor?

- a) Have a meeting with him and ask him his problem with any one at home / onboard. Try to convince that he has to perform his duty with due diligence because of safe operation of the vessel.
- b) If still his attitude is same then call a meeting and to make witness chief-engineer.
- c) Give him verbal warning and make OLB record. Give him time to change a week or so and observe his performance. Inform the company
- d) If still the same then call a meeting again with chief engineer as witness and give him written warning. Inform company
- e) If still same then inform company to change chief officer.
- f) Inform chief officer that he will be relieved .
- g) Once informed about his removal he may become violent and sabotage
- h) Keep observing till he sign off and if required ask agent to arrange police to escort him to the airport. Inform the company

14- Explain restricted visibility?

Restricted visibility mean when vessel is obscured by the fog or rain and observance of the visual navigation is impaired. Only radar or sound signal can be used for safe navigation.

15- What are the shallow water effects?

- a) Sluggish moment
- b) Steering sluggish
- c) Large turning circle
- d) Smelling the ground
- e) Increased squat
- f) Vibration
- g) Speed reduced
- h) Bow and cushion effect

16- What is running moor and open moor?

- a) open moor anchoring with two anchors to keep the radius of turn at minimum, while the angle between the cable is 60 to 90
- b) Running moor. To anchor using two anchor in restricted water like river with tideway.

17- What are you going to do if anchor dragging?

- a) Inform engine room get engine immediately
- b) Call anchor station
- c) Once ready and pay out more cable to make big scope of the cable
- d) Let go second anchor under foot
- e) Use engine to reduce the dragging
- f) Inform port control, if required ask for tug assistance
- g) If necessary re anchor

18- What are the Latest Amendment for STCW?

- a) STCW 2010 amendments are still in provisional period and the is period will end on 31 dec.
- b) From 1st jan 2017 all sea farers to be certified as per STCW 2010.
- c) The working age on board is set to not less then 16 years
- d) New ranks introduced as All deck rating and engine rating to be certified as able seafarer deck and able seafarer engine.
- e) All PO to have competency of proficiency certificate.
- f) Electrical officer w to ETO
- g) Introduction of training electro cadet.
- h) Security awareness certification for all sea farers.
- i) Security training for seafarers with designated duties
- j) Criteria set for all deck seafarers who are engaged in navigational watch keeping
- k) Combined training for oil and chemical cargoes.
- l) ECDIS made mandatory
- m) Medical standard setup
- n) Alcohol limit set to 0,25mg/l in breath.
- o) All STCW certificates are valid for 5 years after that renewal required.
- p) Electronic access to registers.
- q) Occurrence of any accident/incident by or to national flag vessel or any vessel transiting SRILANKAN territorial sea should report with 24 hrs of occurrence.

19- How do you implement working hours and rest hours onboard?

- a) By planning rest hours for watch keeper and day worker as per requirement of minimum 10hrs of rest in any 24 hrs and dedicate one officer to monitor and record normally chief officer have the rest hours planner program/sheets to allocate daily work and rest hours.

20- A newly third officer join onboard for his first watch what instruction you gave to him?

- a) Have him familiarized thoroughly with bridge equipment and bridge operations
- b) Ensure that he is well and clearly understood his duties during pilotage and at sea
- c) Instruct him to keep very efficient look out and navigational watch
- d) Verifying vessel's position as per passage plan
- e) Ensure he is told about reporting and calling master on bridge procedure.

- f) Take well and effective action to avoid collision follow the collision avoidance regulations at all time.
- g) Monitoring duty helms man that he is following the helms order
- h) Clear communication is main factor of safety of the ship and crew.
- i) If he at any time is in doubt should not hesitate to call him

21- What are the statutory duties after collision?

- a) Sound general alarm emergency station head count
- b) Immediately initiate a damage assessment.
- c) Ensure no casualty on own and other ship, no pollution occurred, no fire.
- d) Ensure my crew and ship is safe and can continue to navigate.
- e) Ask other ship involve in collision whether I can assist his vessel and require any assistance to save his crew and ship.
- f) Take all particular of other ship name of the master, company, last port, next port and also give same information to other ship.
- g) Letter of protest received and issued.
- h) Inform owners, charterers, P&I correspondence, hull and machinery insurer, flag state the date, time, position, weather condition and all particular of own and other ship involve.
- i) Save all communication, VDR, Radar if available, log book entrees, statements from all personal on duty at the time of collision.

22- What are the parties you have to inform?

- a) The company,
- b) Owners / charterers
- c) P&I,
- d) HULL & MACHINERY insurers,
- e) Flag state,
- f) Coastal state if in any territorial waters.

23- What are you going to do if you ship forepeak tank broken?

- a) Sound general alarm muster all on board take head count.
- b) Initiate emergency/contingency plan
- c) Initiate assessment of the damage and to start pumping out the water.
- d) Sound all other adjacent tanks confirm water tight integrity is intact.
- e) From damage stability booklet estimate if vessel can still navigate to nearest port
- f) Trim the vessel so the minimum water ingress.
- g) Inform owners, charterers, P&I insurers, flag state and coastal state.
- h) Prepare for repairs at next port.

24- What is damaged control plan? What information you will obtain from it?

- a) Damage control plan is a plan layout for reference in case of damage occurs to a compartment. It gives the layout of all tanks and compartment their capacity and which can be referred .

25- You received distress alert and what is your action?

- a) Note the position of own vessel and the vessel in distress.
- b) Calculate the distance and ETA to distress position
- c) Confirm have enough bunkers to reach next port after rescue operation.
- d) If the vessel is too far then inform RCC/Coast station about my intention.
- e) If proceeding then note all timings of deviation and ROB
- f) Inform owners, charterers, P&I insurers
- g) Call for BTM for rescue operations
- h) Communicate with vessel in distress and confirm your ETA to distress vessel.
- i) Inform to RCC and MCS.
- j) Prepare for rescue.

26- What are the situations where you unable to assist the distress ship?

- a) If not having sufficient bunkers.
- b) Vessel is very far from the distress vessel.
- c) Other vessels are in position to rescue and not required by the RCC
- d) If the distress vessel itself does not need your deviations.
- e) Keep communication recording and documentation for justification.

27- TRS identified in south china sea South of Taiwan, your vessel is in between china and Korea. What is your action, give me full answer and Master's decisions? Refer Capt. Nadeem Book.

- a) Plot the position of the TRS and confirm the distance from it. I will see if the distance is more than 200 nautical mile then slow streaming will be my option once the TRS curves and clear will continue my passage through Taiwan strait. If the distance is less than 100nm I will turn back and stay north of the Taiwan toward china once TRS is clear then proceed to passage.

28- What is port of refuge?

29- What are the occasions you can divert the port of refuge?

30- What is the Port state?

31- What is Flag state?

- 32- What is second registry?
- 33- What are the SUA , CLC, BALLAST WATER, UNCLOS, MLC conventions?
- 34- What is the Latest Amendments of SOLAS?
- 35- What is the amendment for (SOLAS CH VI/2/6) containers and when it become enforce?
- 36- What is the latest Amendments of Marpol 73/78?
- 37- Tell me what happen to the vessel Torrey Canyon?
- 38- What happen to the Mv. Herald of Free Enterprises?
- 39- What is critical period?
- 40- Tell me Dry docking full procedure?
- 41- Explain full procedure for load line survey?
- 42- Is it possible to have two load line on ships? What are the regulation?

Thank you very much for all my lecturers who guided me through out from the class 111 to Masters Examination and also the friends who support me.

Good Luck all the best!

Oral examination

Date: 13th June 2016

Examiner: Capt. U. Peiris

Candidate: K.L.U. Srinika

1. At the time of you joining a vessel, how do you find any non conformity or condition is imposed to the vessel? Class status report and survey reports
2. There is a passenger vessel is in distress. There are passenger floating in the water. MRCC has given instructions to you to proceed to the distress location. Then your vessel has proceed to the location and communication has established with the distress vessel. How do you rescue person from water? Give full procedure. As per How to recover person from water manual

Reasons which v/l will not proceed for assistance.

Unable, due to not enough fuel.

unreasonable

and unreachable.

3. As a master, how do you review the SSP? Security breach, any finding from the audits or pcs inspections, ship is provided but not given in the ssp Carefully study ssp with any nonconformities and find out any changes to be done with ssp
4. What is a short term certificate? Check isuru's orals
5. What are the documents involved with ISPS? Ships security assessment, ssp, isps certificate, related log books such as visitors log book, records of maintenance and test
6. Who will issue DMLC I administration and DMLC II? Company has to prepare and submit to administration and it will approve by the administration (gap analysis done by administration)
7. If your flag state is not ratified MLC 2006 convention, but if you need to go to a MLC 2006 convention ratified country, what document do you require? Ro to be informed and document of compliance to be taken from ro. Ro will issue dmlc 1 and 11
8. What is parametric rolling and synchronized rolling?
9. What type of ships are more prone to parametric rolling? (construction details) large container ships due to large bow flare and ransom stern
10. How do you avoid parametric rolling? Altering course to keep wave on the bow one to four point and reduced speed
11. What is the convention for ships ballast water management? When was it adopted? International convention for the control and management of ships ballast water and sediments. 2004 still not in force
12. What is cold ironing? Shut down all axillaries and take alternate power from shore
13. What is an exemption? If the v/l is not full filling the requirements administration can issue exemption for a certain periods to rectify the requirement
14. What is the WHO requirement for onboard fresh water management? See fw requirements

15. You are in a port. Your 2/O met with an accident and need to hospitalize immediately. What is your full procedure?
16. What do you know about the ADP's. What are the mandatory documents to use ADP's?
17. How do you know that ECDIS should complying with the all statutory requirements and can be replaced with paper charts? Safety equipment certificate form-e to be mentioned and record of equipment to attached with sec form-e (Official ENC's and RNC's)
18. What is VGP? Vessel general permit is a coverage used in usa owners must apply notice of intent. Permit authorization and records of inspection should retained onboard; This will apply from 3 miles from the territorial sea. 27 types of discharges included in vgp
19. What are the master's responsibilities and duties in case of a collision?
20. What is SOLAS chapter 13 and 14?
 - 13 mandatory audits scheme
 - 14 polar code

OK

Oral Examination Questions and Answers

Date : 10th June 2016
Candidate : W.M.I.B. Wijeratne
Examiner : Capt. Upul Peiris

1. After joining the vessel what do you require to know about charter-party?

Speed requirement, additional fuel required as reserve, refer to Voyage orders, destination port (lie within the charter party/ allowed in articles of agreement and class notations) is a safe port, reports required to send, cargo conditionings required.

2. Under MARPOL annex vi, what are the certificates being issued?

- i) IAPP (International Air Pollution Prevention Certificate)
- ii) EIAPP (Engine Int. Air Pollution Prevention Cert.)..came also along with NOx technical code. For marine diesel engines.
- iii) IEE (Int. Energy Efficiency Cert)

3. What is VGP?

4. What is Alternative Marine Power Supply?

This is also known as Cold Ironing and is a facility in a port to provide electricity to a vessel in lieu of its own power generation in order to prevent emission of harmful gasses from fuel engines.

5. To whom you can disclose SSP (Ship's Sec. Plan)?

In general I can disclose it to Flag State auditor and to CSO.

Can you disclose to anyone else other than above two in a risen security matter?

SSP consists of two sections. One is Confidential and other is non-confidential. If matter relates to non-confidential section I can disclose that section. If matter comes under confidential section I have to take written permission from the CSO first.

6. Your vessel has run aground. How you manage the collecting of evidence?

Stated the general things we do as record keeping, log book entries, saving of records of VDR etc.

To whom you would inform?

Owners/ Class/ H&M and P&I insurers/ Charterers/ Destination port agent/ Coastal state if applicable

Why do you inform P&I?

For possible 3rd party damages could incur such as pollution etc.

7. How do you exactly know your vessel is Paperless in navigation?

In Safety Equipment Certificate Form-E/ under "Paper charts in use" it must be mentioned "N/A" /and installation of ECDIS entry being made.

Record of Equipment to be attached to form E

8. How do you know your ECDIS is for paperless navigation?

(Examiner was expecting from me how to ensure proper chart materials are utilised and up to date.)

Once Route Plan is drawn and activated, automatically ECDIS will indicate whether any chart cells are missing/ updates missing/ new editions missing, on the display.

I explained about updating procedure by using the "Base DVD". (He was not interested in chart permits)

- Then he asked me, in certain areas you don't have ENC's?

I told about the RCDS (RASTER Chart Display System) mode where I can use RNCs.

- Then he questioned, what would be your primary means of navigation then?

I said, for that area we need to have paper charts and it will be the primary means.

- He then asked me what ENC's you need to have?

"OFFICIAL ENC" was the answer he expected. (ENC generally means Official vector charts!!!)

9. You are to execute voyage from Japan to USA over Pacific. You are given with a route by Weather routing service. On the way you find it is not safe to follow the given route as for the adverse weather. What is your action?

I would have to obtain all weather information by all means and at the same time I have to see the prevailing on scene weather rather than the weather forecasts. Considering the safety of the vessel, crew and cargo where I can minimize the effect of swell and wind I will deviate to a new route to which I can improve situation.

I will make log entry and adopt adverse weather precautions as per SMS along with keeping Wx reports. At the same time inform the relevant parties about the deviation.

I will make sure all relevant entries in the log are kept and check lists are filled.

10. You are approaching TRS, when are you going to make the deviation?

It depends with the movement of the TRS. In any case at least 24hrs before I will make the diversion where it would facilitate me to make the least deviation of heading to avoid TRS.

11. What is SOLAS Ch.13?

Verification of compliance/ IMO member states audit scheme.

What is the code coming under Ch.13 of SOLAS?

IMO Instrument Implementation Code (iil code)

12. What is the new regulation came under STCW?

Specialized Training and certification of personnel to sail on ships using Gas as fuel.

13. What is Exemption certificate?

It is a certificate issued temporarily to vessel to sail with a particular non-compliance to a regulation.

14. In what occasions Short Term certificates are issued?

- i) After a renewal survey, until original certificate is received.
- ii) If any deficiency found during inspection, until the rectification is done.

15. What is the Name of the Act of Sri Lanka merchant shipping?

Merchant Shipping Act No.52 of 1971.

What is the regulation of STCW in MSA?

Merchant Shipping Training, Certification and Watchkeeping regulation.

16. What are the IMO instruments?

- i) Conventions
- ii) Protocols →
- iii) Amendments
- iv) Recommendations and Codes
- v) Resolutions → are such as MEPC or MSC draft documents and base on the resolutions, convention will be adopted.

What is a Protocol?

It is a major change to a convention which is adopted ~~in force~~ in force.

What is an Amendment?

Amendment is a change to a convention put in to action came/ supported from a protocol.

17. How do you do annual Master's review on SMS?

Master's Oral examination

Date: 22nd June 2016

Examiner: Capt. Upul Peiris

Candidate: Sajeewa Suneth Vithanage



1. You are joining to a vessel as master first time, during the taking over you are checking the ship certificates, how you will find out is there any deficiency or condition given for the vessel?
By checking audit and survey report file.
2. What is the ISM audit requirement? And who will conduct the audit?
Internal – once every year or as per SMS – by the company
External – initial, intermediate and renewal – by administration but normally by class as a RO
3. In what occasions short term certificates will be issued?
After renewal survey, until original certificate is issued
If any deficiency found during inspection, until that is rectified
4. Once you take over the command what are the things you have to know about charter party?
Speed requirements, additional fuel reserve to be kept onboard, voyage orders, any information about BL, destination port lies within the limitation given in the CP etc.
5. What is SOLAS chapter 13?
Mandatory audit schemes for IMO participating countries
6. What is the code comes under it?
IMO instrument implementation code (iii code)
7. What are the certificates comes under MARPOL Annex 6?
IAPP certificate (International Air Pollution Prevention certificate)
EIAPP certificate (Engine International Air Pollution Prevention certificate)
IEE certificate (International Energy Efficiency Certificate)
8. How you will know your vessel is fully ECDIS compliance or not?
By checking safety equipment certificate form-e it should mentioned primary navigation by using ECDIS and record of equipment to be attached to the form-e

9. What else you have to check?

ECDIS is to be supplied with official ENC's

10. You are going from port A to B and for one part of the passage official ENC's are not available what will happen?

That part can cover with RNC's but I have to keep updated paper charts for that area

11. What is the procedure to install ECDIS as primary means of navigation?

Company has to conduct initial ECDIS risk assessment

Administration approved ECDIS to be selected

It should be installed as per requirements such as to have independent power supply

Administration has to verify the ECDIS installation as per the requirements

ECDIS training to be given for the all deck officers onboard

Master and all the deck officers to have ECDIS generic certificate and type specific certificates

ECDIS to be supplied with all required official ENC for the vessels current trade

There should be a contract with approved official service provider for the supply of chart permits and updates

Vessel has to conduct individual ECDIS risk assessment

SEC form-e to be amend as ECDIS for the use as primary means of navigation and record of equipment to be attached to form-e

Vessel SMS to be revised with ECDIS is the as primary means of navigation and ECDIS procedures to be inserted

12. How you will know the ECDIS is updated to the latest update?

By checking the update history it will show you the latest update number

13. How you will know ECDIS any update missing for any newly installed chart? And how to update it?

Once we do the update, if there is any update missing, a popup window will appears in red color with missing updates. We have to reinstall the updates from that again.

14. You have taken over the command of a container vessel, in a port while cargo operation there is a smoke coming out from the no 5 cargo hold what is your action?

Explain action in case of fire, immediately inform to port fire brigade, stop the cargo operation, remove all shore labors from the vessel, give detail of cargo and other required information to the port fire brigade, keep international shore connection ready for use etc.

15. Now the fire is out of control what is your action?

Inform chief engineer to flood the CO2 to cargo hold

16. How you are going to flood CO2 to a cargo hold?

Make sure nobody inside the cargo hold, close all ventilators and openings to the cargo hold, initially release number of CO2 bottles mentioned in the table for that hold then release the rest of CO2 to be flooded to that hold as per the table in the CO2 room.

17. Ok now the fire is extinguished, to whom you will inform?

Company, charterers, P & I club, hull and machinery insurers, port agents, port authorities, administration and class

18. How you will collect the evidences in this case?

Collect photographic evidences

Collect information from officers, crew, stevedores and foremen or superintend

Take statement from the OOW, duty crew and if possible from shore workers

Cargo information in the cargo hold to be collected

VDR backup to be taken

Call the local P & I club and get their guidance for collecting evidence

Masters statement to be keep ready (only the facts should be included)

Whole the incident to be recorded with timings in the deck log book and if it is a major incident to be entered in OLB. Copy of deck log and OLB to be taken etc.

19. What is, marine casualty and marine incident?

Please refer to the **CODE FOR THE INVESTIGATION OF MARINE CASUALTIES AND INCIDENTS**

Marine casualty is, major damage to the people, ship or environment such as,

The death of, or serious injury to, a person

The loss of a person from a ship

The loss, presumed loss or abandonment of a ship

Material damage to a ship

The stranding or disabling of a ship, or the involvement of a ship in a collision

Material damage to a ship

Damage to the environment

Marine incident means an occurrence or event being caused by, or in connection with, the operations of a ship by which the ship or any person is imperiled, or as a result of which serious damage to the ship or structure or the environment might be caused

20. From where you can get these information?

CODE FOR THE INVESTIGATION OF MARINE CASUALTIES AND INCIDENTS

21. From which international regulation this code came into force?

SOLAS chapter 9 – ISM {IMO resolution a 849 (20) in 1997}

22. You found that your ship sanitation certificate going to expire soon and arranged to renew in next port. How you will prepare the vessel for that?

Instruct galley department to keep the galley, mess room, dry provision room and cold rooms in clean tidy and no pest to be onboard.

Instruct chief officer to keep the deck area clean and tidy and without any rats or rat dons in the area.

FW tanks to be cleaned as per the company SMS and PMS to be updated

FW analysis to be done as per the administration, company or local requirements (he stops me from here)

For more information refer guide for ship sanitation by WHO, MGN circular 397

23. What is the requirement for FW analysis?

Generally once every year but as per some countries once every three month (Brazil)

24. From where you can find out ship sanitation regulation?

International health regulation – latest edition 2005

25. What is the MARPOL food waste disposal requirements?

First thing he want to be mentioned ship to be enroute.

Outside special area,

More than 3 miles from the shore can disposed if comminuted or grounded less than 25 mm

More than 12 miles from the shore can disposed

In special area,

More than 12 miles from the shore can disposed if comminuted or grounded less than 25 mm

500 meters away from fixed platforms

If the garbage is mixed with or contaminated by other substances it is prohibited to discharge or having different more stringent requirements shall apply

COC - Class I (Masters) Orals

Date : 28th Sep 2016

Time Duration : 1030 – 1220 Hrs

Candidate : R.A. Viraj Chinthaka Rajapakse

Examiner : Capt. Upul Peiris

Initially the examiner went through my all certificates and CDC. Then he asked about my sea time and type of vessel which I have worked.

1. What is parametric rolling?
2. What is synchronize rolling?
3. Actions to avoid them? (Prior sailing and at sea)
4. What are the dangers of them?
5. Role of P&I club and H&M underwriters?
6. Difference between P&I club and H&M underwriters?
7. What are the indemnities covered by P&I club?
8. If two cargo boxes are damaged due to negligence of crew, who will pay for the damage?
9. Warnings received about developing TRS in South China sea, Your navigating in Japan coast (Liner in Japanese ports) , What is your action?
10. Later when the TRS is in vicinity, you're engaged in cargo operation in port, what is your action?
11. What do you mean by 'heaving to' and 'seeking shelter'?
12. What are the recent amendments to STCW code apart from 2010 Manila amendments?
13. How do you review SMS on-board as the Master?
14. How do you review SSP as the Master?
15. What is Masters overriding authority and where it mentioned?

16. What is Sri Lankan Merchant shipping Act? (he was expecting present act number and year)
17. What are the MARPOL annexes?
18. What are the MARPOL annexes presently ratified by Sri Lanka? (All annexes excluding annex VI)
19. What is the amendment came to MARPOL Annex VI few years back? (He was expecting about SEEMP)
20. What are the certificates related to MARPOL annex VI?
21. How do you make sure that you're complying with SEEMP on board? (Calculate EEOI on-board and compare with given EEDI)
22. What are DMLC Part 1 and 2 ? Who issue them?
23. Vessel in distress, your full action as the Master?
24. Roll of Master after a collision?
25. How do you know your ECDIS is primary means of navigation?
26. What is ADP ? What are the requirements to carry ADP on-board? (he was expecting about upto date back up arrangement ?
27. What are the IMO instruments?
28. What is a Protocol / Amendment?
29. How MARPOL Annex VI came into force? (By a Protocol)
30. If a Party ratified to a convention, what are the future measures should take by them?
31. What do you mean by a statutory certificate?
32. What is harmonized system of survey? Under what regulation it was mentioned?
33. How do you correct your ECDIS?
34. If ENC's are not available for navigate in certain area, what is your action?
35. How do you take over a vessel as a new Master? What are the areas to check?

36. How you find out if any condition or observations are raised to your vessel in recent past?
37. ECA areas? Sulphur limit in ECA areas?
38. Explain Master Pilot exchange?
39. How do you make sure bridge resource management is properly functioning on-board?
40. What are the checks done by you prior inspection for issuing of sanitation certificate?
41. What is your action if one of your crew member is complaining about continuous stomach ache?
42. While in port, your secondmate hand is severely injured. What is your action?
43. What is a dispensation? Who issue it?
44. What is a short term certificate?
45. What is VGP?
46. Who is QI and his role? (Qualified individual)
47. What are certificate issued under MARPOL?
48. While you're approaching to a port, about 200m to jetty your engine astern movement is out of order. What is your action?
49. Shallow water effects?
50. Procedures to follow when you're entering to ECA? How you prove that it to PSC inspectors?

**“BE CONFIDENT WITH YOUR ANSWERS AT ALL TIMES. DO NOT
HESITATE TO EXPLAIN ANSWERS WITH YOUR OWN EXPERIENCE”**

Sincerely thanks to all of my lectures and friends, who guide and encourage me throughout from cadet to Master.

Good luck and all the best!!!



Master's Oral examination

Date: 22nd June 2016

Examiner: Capt. Upul Peiris

Candidate: Sajeewa Suneth Vithanage

1. You are joining to a vessel as master first time, during the taking over you are checking the ship certificates, how you will find out is there any deficiency or condition given for the vessel?
By checking audit and survey report file.
2. What is the ISM audit requirement? And who will conduct the audit?
Internal – once every year or as per SMS – by the company
External – initial, intermediate and renewal – by administration but normally by class as a RO
3. In what occasions short term certificates will be issued?
After renewal survey, until original certificate is issued
If any deficiency found during inspection, until that is rectified
4. Once you take over the command what are the things you have to know about charter party?
Speed requirements, additional fuel reserve to be kept onboard, voyage orders, any information about BL, destination port lies within the limitation given in the CP etc.
5. What is SOLAS chapter 13?
Mandatory audit schemes for IMO participating countries
6. What is the code comes under it?
IMO instrument implementation code (iii code)
7. What are the certificates comes under MARPOL Annex 6?
IAPP certificate (International Air Pollution Prevention certificate)
EIAPP certificate (Engine International Air Pollution Prevention certificate)
IEE certificate (International Energy Efficiency Certificate)
8. How you will know your vessel is fully ECDIS compliance or not?
By checking safety equipment certificate form-e it should mentioned primary navigation by using ECDIS and record of equipment to be attached to the form-e

9. What else you have to check?

ECDIS is to be supplied with official ENC's

10. You are going from port A to B and for one part of the passage official ENC's are not available what will happen?

That part can cover with RNC's but I have to keep updated paper charts for that area

11. What is the procedure to install ECDIS as primary means of navigation?

Company has to conduct initial ECDIS risk assessment

Administration approved ECDIS to be selected

It should be installed as per requirements such as to have independent power supply

Administration has to verify the ECDIS installation as per the requirements

ECDIS training to be given for the all deck officers onboard

Master and all the deck officers to have ECDIS generic certificate and type specific certificates

ECDIS to be supplied with all required official ENC for the vessels current trade

There should be a contract with approved official service provider for the supply of chart permits and updates

Vessel has to conduct individual ECDIS risk assessment

SEC form-e to be amend as ECDIS for the use as primary means of navigation and record of equipment to be attached to form-e

Vessel SMS to be revised with ECDIS is the as primary means of navigation and ECDIS procedures to be inserted

12. How you will know the ECDIS is updated to the latest update?

By checking the update history it will show you the latest update number

13. How you will know ECDIS any update missing for any newly installed chart? And how to update it?

Once we do the update, if there is any update missing, a popup window will appears in red color with missing updates. We have to reinstall the updates from that again.

14. You have taken over the command of a container vessel, in a port while cargo operation there is a smoke coming out from the no 5 cargo hold what is your action?

Explain action in case of fire, immediately inform to port fire brigade, stop the cargo operation, remove all shore labors from the vessel, give detail of cargo and other required information to the port fire brigade, keep international shore connection ready for use etc.

15. Now the fire is out of control what is your action?

Inform chief engineer to flood the CO2 to cargo hold

16. How you are going to flood CO2 to a cargo hold?

Make sure nobody inside the cargo hold, close all ventilators and openings to the cargo hold, initially release number of CO2 bottles mentioned in the table for that hold then release the rest of CO2 to be flooded to that hold as per the table in the CO2 room.

17. Ok now the fire is extinguished, to whom you will inform?

Company, charterers, P & I club, hull and machinery insurers, port agents, port authorities, administration and class

18. How you will collect the evidences in this case?

Collect photographic evidences

Collect information from officers, crew, stevedores and foremen or superintendent

Take statement from the OOW, duty crew and if possible from shore workers

Cargo information in the cargo hold to be collected

VDR backup to be taken

Call the local P & I club and get their guidance for collecting evidence

Masters statement to be keep ready (only the facts should be included)

Whole the incident to be recorded with timings in the deck log book and if it is a major incident to be entered in OLB. Copy of deck log and OLB to be taken etc.

19. What is marine casualty and marine incident?

Please refer to the **CODE FOR THE INVESTIGATION OF MARINE CASUALTIES AND INCIDENTS**

Marine casualty is, major damage to the people, ship or environment such as,

The death of, or serious injury to, a person

The loss of a person from a ship

The loss, presumed loss or abandonment of a ship

Material damage to a ship

The stranding or disabling of a ship, or the involvement of a ship in a collision

Material damage to a ship

Damage to the environment

Marine incident means an occurrence or event being caused by, or in connection with, the operations of a ship by which the ship or any person is imperiled, or as a result of which serious damage to the ship or structure or the environment might be caused

20. From where you can get these information?

CODE FOR THE INVESTIGATION OF MARINE CASUALTIES AND INCIDENTS

21. From which international regulation this code came into force?

SOLAS chapter 9 – ISM {IMO resolution a 849 (20) in 1997}

22. You found that your ship sanitation certificate going to expire soon and arranged to renew in next port. How you will prepare the vessel for that?

Instruct galley department to keep the galley, mess room, dry provision room and cold rooms in clean tidy and no pest to be onboard.

Instruct chief officer to keep the deck area clean and tidy and without any rats or rat dons in the area.

FW tanks to be cleaned as per the company SMS and PMS to be updated

FW analysis to be done as per the administration, company or local requirements (he stops me from here)

For more information refer guide for ship sanitation by WHO, MGN circular 397

23. What is the requirement for FW analysis?

Generally once every year but as per some countries once every three month (Brazil)

24. From where you can find out ship sanitation regulation?

International health regulation – latest edition 2005

25. What is the MARPOL food waste disposal requirements?

First thing he want to be mentioned ship to be enroute.

Outside special area,

More than 3 miles from the shore can disposed if comminuted or grounded less than 25 mm

More than 12 miles from the shore can disposed

In special area,

More than 12 miles from the shore can disposed if comminuted or grounded less than 25 mm

500 meters away from fixed platforms

If the garbage is mixed with or contaminated by other substances it is prohibited to discharge or having different more stringent requirements shall apply



26. How to find out baseline of a country?

Annual summary of notices to mariner
Great Barrier Reef base line given in MARPOL

27. As a master, how do you review the SSP?

Security breach, any finding from the audits or pcs inspections, ship is provided but not given in the SSP, carefully study SSP with any nonconformities and find out any changes to be done with SSP and inform to CSO

28. What is parametric rolling?

When the wave length and the ship length is equal and the wave is from right ahead or right stern parametric rolling will occur. It is mostly experience on container ships.

29. How do you minimize it?

By altering course and keep the wave on the bow of the vessel.

30. Why it is more prone in container ships?

Due to large bow flare and ransom stern

31. What is the danger for container vessel?

Due to violent rolling lashing forces may be exceed and lashings may be parted and containers may fell overboard or damaged.

32. What is the danger when vessel rolls violently?

Vessel deck edge immersion will happen and stability (GM) will be reduced

33. How you keep sufficient stability for a voyage considering bad weather?

By keeping sufficient GM throughout the voyage.

Reducing or remove the free surface effect by emptying or topping up the tanks.

34. What are the shallow water effect?

Sluggish moment
Steering sluggish
Vibration
Speed reduced

Ship wake become muddy color
Increase squat

35. How you will reduce the squat?

By reducing the speed.

36. What are the instruction you will give to your officers regarding GMDSS log book records?

To carried out daily, weekly and monthly test of equipment and record

All the distress alerts to be recorded

EGC weather Bulleting to be recorded

Cease and resume of GMDSS radio watches in port to be recorded

All the date and timing to be in UTC

Frequency of radio, channel in the VHF or the satellite system used to be mentioned in the column

Each officer should sign for his record at the end of the line

37. The responsible officer (2nd officer) is not following the weekly test as per your orders. What is your action?

As per code of conduct I will give him informal verbal warning and observe his action.

(Examiner stopped me from this answer)

These are the questions which I remember and required answers may be slightly different from the examiner to examiner.

I take this opportunity to thank all my NDT lecturers, batch mates, CINEC lecturers, batch mates from class 11 and class 1 and all the friends who guided me and gave me a great support to achieve this goal.

Examiner- **Capt. S.M.S. Bandara**
Candidate- Roman Acharige
Date- 16/06/2016, 1315 to 1515
17/06/2016, 0900 to 0930



COC Class I(Masters) Orals.

1. What is the worst situation you have faced during your sea carrier (Accidents/Incidents)?
Remarks- He will first ask the type of ships which you have sailed on, then a worst situation.

2. What would you have done differently in the above situation?
Remarks- Plan what you will say prior to the oral exam.

3. Your vessel is expected to face sea ice in north of Aleutians Islands. How will you prepare the vessel. What are the documents which you will check?
Remarks- Crew AOA, Is the ship ice classed, Wx reports, BTM Meeting with your bridge team, Approach sea ice during day light, Speed reduction, Accommodation heating system, Bridge equipment heating etc...

4. A TRS is SE of Taiwan. Your planned route takes you through the Taiwan strait. Your actions?
Remarks- Mention all the alternative route options which you have. State the general movement of the TRS in that area. Mention that you will heave the vessel to the wind till you receive Wx info regarding the TRS movement prior entering the Taiwan strait. If the predicted path of the TRS is through the Taiwan strait, Vessel is to pass East of Taiwan, If the path of the TRS is East of Taiwan, Vessel may enter the Taiwan strait.

5. You have received a distress call from a passenger (3000 persons) vessel on fire, your action?
Remarks- ETA to distress location calculation, Sufficient bunkers FW onboard, Informing relevant parties, Crew briefing, Own vessel preparations, Stability calculations to take 3000 passengers, Informing MRCC, OSC preparations, Prep a search plan, Obtain assistance from other vessels etc...

6. What are the conditions where a master can avoid rendering assistance for vessels in distress?
Remarks- Unable, Unnecessary, Unreasonable. Explain

7. How would you prepare your vessel for the load line survey?
Remarks- Certificate inspection (Date of exp/Any condition of class which has not being rectified)

8. Your vessel is scheduled to engage on a 40 day sea passage, How will you prepare your vessel?



Remarks-Bunkers and Bunker reserves, Provisions and FW, Medicines, Stability, cargo securing, Charts and publications, Expected wx.etc...

9. A crew member complains of a head ach, How will you handle this situation?

Remarks-Check his past medical history, Consult the ships captains medical guide, Radio medical advice, Keep the company informed, Administrate mild pain killers(Panadol),Advice him to take bed rest for 24hrs,Medical log to be kept updated, Arrange medical facilities at arrival port, If the situation becomes worse, seek refuge in a port or consider helicopter evacuation.

10. What are classification societies and when will they involve in ship matters?

Remarks-IACS members , Acts as RO in behalf of the administration and issues certificates, Will be involved with the design, construction and life time of the ship (This is a SOLAS requirement).May have higher standards than the IMO requirements.

11. Your C/O is good as a person, but his competency level is very low, how will you handle this situation?

Remarks-He is referring to the dismissal procedure (Verbal/Written/Dismissal).Explain.

12. Your 2/O is a very competent officer, But his attitude is not good. How will you handle this situation?

Remarks-Same as above, Dismissal.

13. What is POLAR Code?

Remarks-Give reasons for the implementation of the code, Mention few points from the code as well. Do not forget, POLAR Code is linked with SOLAS(Ch14) and STCW.

14. STCW 2010 amendments.

Remarks-Know all the major amendments.

15. MLC 2006 requirements.

Remarks-Please go through MLC 2006. Be familiar with the chapters. New regulation will be enforced in Jan 2017(Abandonment/Death and permanent disability- financial security cover to be taken by the owner for the vessel).

16. Latest requirements for passenger vessel after the sinking of the "Costa Concordia".

Remarks-Drills with the passengers prior sailing or immediately after sailing, etc..

17. How many parts would you find in your SSP. To whom can you show it and when?

Remarks-Two parts, Non confidential (Restricted access)and Confidential .Non confidential may be shown to PSC when there are clear grounds of non compliance with ships SSP. Get permission from the CSO. Confidential part cannot be shown to PSC unless you have written permission form CSO and the flag state.



18. What is port of refuge?

Remarks-New definition(After the sinking of M.T Erika, M.T Castor) is "Place of Refuge". Due to some exceptional reasons, when a master considers that the continuation of the voyage will endanger the vessel, life, cargo and the environment, he may divert to the closest port or place to seek shelter/assistance.(Ex-Structural failure due to wx, Fire, Injured crew, collision etc...).

19. Vessel is near Somali coast(30 NM), you are not satisfied with armed guards performance, what will you do?

Remarks-Follow BMP4, Inform CSO, Inform the security firm, Prepare a performance report, Keep at least 100NM from the Somali coast line.

20. What is Flag state and port state?

Remarks-Define and explain their responsibilities.

21. New take over, How will you implement ISM onboard?

Remarks-Interim DOC copy onboard(12 months), Interim SMC original onboard(6 months), Explain the rest in your own words.

22. What are masters responsibilities in a collision?

Remarks-Assisting the other vessel, Protesting, Blaming the other for the collision, reference to Damage stability plan and booklet, damage assessments, informing relevant parties, coastal state in case of pollution, collecting evidence etc...

23. Masters responsibilities under pilotage?

Remarks-He is expecting a clear answer. step by step.

24. How do you conduct a masters annual review of the SMS.

Remarks-to be done page by page basis. DPA to be informed accordingly.

25. What are the points to be checked in the B/L and what is a clean bill?

Remarks-Date, carriers details, Shippers details, Receivers details, Quantity of cargo and description(To be same as mates receipt), Port of loading and destination. Clean bill is a bill which has not being claused by the master. A bill claused with "In apparent good order and condition" Is still considered as a clean bill.

26. Can a vessel have two load lines?

Remarks-Yes, Can use only one load line at a time. Two certificates to be onboard, The NA load line to be painted with the ship side color, certificate to be kept in an envelope and sealed by class. When changing load lines, official log book entry to be made by the master.



27. What is the master's "Over riding authority"?

Remarks-Explain and give examples

28. Crew complaints to you regarding his salary. It has not been received by his family for the past 2 months. How will you handle the situation?

Remarks- Inform the company, or the ship manager and the crewing agency. Last option is to inform a port captain, this will cause the detention of the vessel since this is a MLC non compliance.

29. You are engaged in parallel sailing with the present master (Handing over). The vessel approaches the last port where you will take over command. During approach and in a narrow channel, the master and the C/O has an argument and are not focused on navigation. You are on the bridge and notice that the vessel is going off track and running in to danger. What will be your actions?

Remarks- Even if you have not taken command officially (Official log book entry), You have been appointed by the company on contractual basis to ensure the safety of the vessel. You should not allow the vessel run in to danger and take the required actions to ensure safe passage. Evidence to be collected, A report made and countersigned by a witness. DPA to be informed.

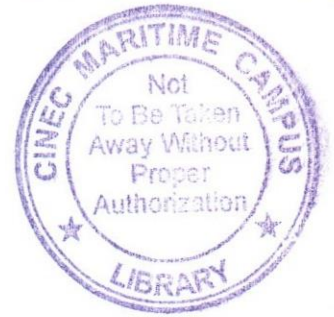
I would like to take this opportunity to thank all the lecturers at CINEC and my fellow colleagues in guiding me throughout my sea career.

BEST OF LUCK!

EXAMINAR: CAPT S.BANDARA / CAPT G.WILSON

DATE : 10.06.2016.

CANDIDATE: DENNE JAYASIRI



1. 50000 T OF CARGO TO BE LOADED, MASTER REQUEST WHETHER CAN OR NOT?
2. HOW YOU PREPARE STOWAGE PLAN & LOADING PLAN FOR ABOVE?
3. IMDG CONTAINERS LOADING-REQUIRED DOCUMENTS?
4. IMDG LOADING FULL PROCEEDURE, WHAT ARE THE INSTRUCTION GIVEN TO DUTY OFFICER?
5. PSC/FLAG STATE?
6. HOW YOU PREPARED YOUR VESSEL FOR LOAD LINE SURVER?
7. STCW/SOLAS NEW AMMENDMENTS?
8. HOW YOU PREPARED OIL TANK FOR INSPECTION & WHAT DO YOU CHECK IN SIDE THE TANK?
9. WHAT IS THE STATICAL STABILITY & DYNAMICAL STABILITY?
10. WHAT IS THE DAMAGE STABILITY?
11. WHAT IS THE FLASH POINT/PURGIN?
12. YOU AT FWD STATION WITH NEWLY JOINING CADET, WHAT IS THE INSTRUCTION YOU WILL GIVE TO HIM?
13. CONTENT OF STABILITY BOOK LET?
14. DRY DOCK PREPERATION & PLAN REQUIRED?
15. HOW TO DO ANCHOR SWING CIRCULE?
16. HOW YOU IMPLIMENTS ISM ON BOARED?
17. BALLAST WATER MANEGMENTS?
18. ANTI-FOULING SYSTEM?
19. WHAT IS THE LOAD DENSITY?
20. EXXON VALDEZ INCIDENTS?
21. HOW YOU KNOW BAD WEATHER AHEAD?
22. SITUATION GIVEN ACTION?
23. ACTION WHEN VESSEL IN NAVIGABLE QUARDRENT IN NH?

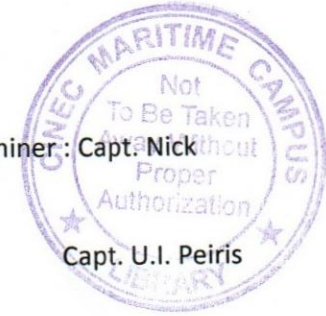
8th June 2016

Time : 11:20 - 12:00 & 13:30 - 15:00

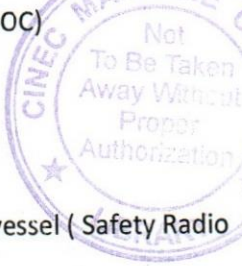
Senanayake

Candidate : S.B.S.Lakmal

Examiner: Capt. Nick



- 1) What are the Certificates to be checked as a Master?
- 2) What is the difference between Statutory certificates and Trading certificates?
- 3) As a Master what do you check in a Certificates?
- 4) What are the 2 actions you shouldn't do in Restricted visibility? (Rule 19 Part (d))
- 5) 3rd officer calls you at night (vsl in restricted visibility) and telling that he is hearing fog signals in Fwd what is your action? (Rule 19 part (e))
- 6) Your Radar is not picking up echoes of the vsls actions (Situational awareness - Tuning Radar)
- 7) Planning a psg from Colombo to Mombasa what instruction you give to 2nd Officer. (RA, Security details including chart Q6099)
- 8) Your vsl is in Bengol area (TRS Prone season) what is your preparations and Action for TRS?
- 9) How you decide the Optimum GM (Not Stiff and tender, can use industrial formular $0.03 \times \text{Beam}$)
- 10) What is the Polar Code and What you should know as Master regards to Polar Code?
- 11) What are the New Manila Amendments reqd by the Engineers ? (High Volatage / Polar Code / IGf Code reqmnts)
- 12) What is IGF Code?
- 13) What is coming under SOLAS Ch 13?
- 14) What is the difference between ISM Code and SMS Manual?
- 15) What are the elements of ISM Manual?
- 16) As a Master what are the key elements to be implement regarding ISM?
- 17) How you Review ISM Manual?
- 18) Validity of SMC and Audits to be done?
- 19) What is implements dates of ECDIS On your vessel (SOLAS Ch 5)

- 
- 20) What is the MLC Certificates issued for Non Ratifying state for vessel to trade ? (DOC)
 - 21) What is the International Certificate under MLC ?
 - 22) Who issued and to whom DMLC Part 1 and part 2?
 - 23) How would you know by looking at the certificate that ECDIS is compliant to the vessel (Safety Radio Form E, Record of Equipment)
 - 24) How do you know that the ECDIS Reqmnts are complying by checking ECDIS / Paper charts no more needed? (ENC Up to date msg)
 - 25) What are the possibility that you have if part of the voyage Official ENC not provided ? (Adequate paper charts / RCDS)
 - 26) How do you find out base line of a Chart? (Annual NTM)
 - 27) Your vessel Aground, What is your duties as a Master role in collective evidence?
 - 28) Why you inform P&I and H&M ?
 - 29) What are the Certificates under Marpol Annex 6?
 - 30) How you implement SEEMP on board?
 - 31) Why reqmnts to have SEEMP (Reduce CO2 Emission)
 - 32) What are the Food waste requiremnts (12' off, Reqmnt in special areas and Entoute etc..)

Be thorough with COLREGS (Specially Rule 19) and Certificates, New Amendments.

Special tks to CINEC Navigation lecturers and all my Batch mates

Wish you all the Best!

Library
Class ↑



Master unlimited

Date:- 06-06- 2016

1300 -1600

Examiner Capt Sunil

Candidate –Bhupinder Singh

He look in to my file and fucked me saying we don't accept Indian short and advance course go and complete short and advance course then com for oral. I then requested him to let me do my Orals and then I will go for courses. He agreed and then he ask me about my experience.

1. What is your remembering incident

Ans : I told him long story about my life boat lowering and causality to AB and landing him to hospital complete story.

2. Whose mistake AB injured,

Ans: I told him it was my mistake i should never allow any one to use manual handle until i have with me the fuses of electric switch box.

3. What is latest amendment to life boat

Ans : FPD and Maintenance strop

4. P S C Inspector want to go to life boat for inspection what you will do.

Ans : Prepare and fix maintenance strop and ventilate life boat. Once ready then inform PSC Inspector that lifeboat is ready for inspection And escort him to life boat.

5. You are about enter anchorage area ch.Eng call and tell you no engines. Engines ceased. What is your action.

Ans:- I told him with the momentum i will turn away inform port control and ship in vicinity and see the situation if no danger then drift and wait

for engines . If in danger call port control and ask for tug assistance to tow away to safe place and anchor.

He said no you have to anchor without informing port control

Then i told him will anchor where the ship stop steering away from other ship. And drop anchor.

He wanted Answer that i will plan anchoring without informing port with the moment of the ship.keeping clear from other vessels.

6. You are approaching pilot station weather is bad and pilot wants you to come inside the breakwater for pilot boarding.

Ans: - I will not go beyond abort point if pilot agrees to com to abort point ok otherwise i will refuse to come and turn away from all danger areas and inform port control and pilot about my intention and wait for weather to improve.

7. Can you drop anchor

Ans : I said i will not anchor as the weather is bad and drift away from all dangers.

8. You can stop and drift ?

Ans :- I said will not stop my engines will keep minimum speed to heave to weather.

9. What happen to MV STEP GAIN.

Ans :- I said i did not study this case he told me o 10 minuts find out and come. Then i told him the Gaint Step Story he then Ask me whose mistake. I said master's mistake he did not observe the weather and he took very late action .

10. How the metacentre will move when vessel when GM is Negative.



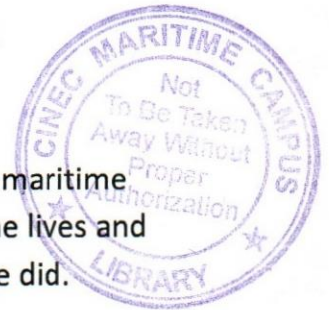
Ans:- I said it will move to zero and then at certain level it will start increasing and then will be again negative and capsizing moment. I draw the diagram and showed him

11. What is SUA convention.

Ans:- i said it is the convention SUPPRESSION UNLAWFUL ACT.

12. He Asked me to Explain

Ans :- If any person acts/Damages or try to do so against any maritime property/persons can be charged in his own country where he lives and with party to this convention can be arrested for the crime he did.



13. What about the ballast water convention?

Ans :- I said BW convention not yet in force.

14. He asked me the reason

Ans: - I said up to now not signed by full tonnage to effect the treaty. Although more than 40 country have signed.

15. What you will check as soon as vessel in dry dock

Ans :- I told him that as soon as vessel in dry dock and dock is empty i will along with ch.off and ch.eng inspect the full bottom from forward to aft including rudder.

16. What will Load line surveyor will check

Ans:- I said he will check water tight integrity from top to bottom and from forward to aft.

17. Your are master joined and sailing parallel ch.off and master fighting on bridge what you will do. Vessel in narrow channel.

Ans:- I said i will remind them about keeping safe navigation if no then i will take over and conn the ship to safe place.

18. Ch off very sick what you will do

Ans:- I will administer the medicine as per medical guide. Still no change i will take medical advice from company's doctor.

19. NO company doctor available.

Ans there are few world wide medical assistance available.

20. Where you will find out details

Ans : - I Said normally it is posted on bridge and in hospital.

21. Which book gives the details of medical services

Ans I said will find out from ALRS Vols

He said pass

In between lot of cross questions do not alter your Ans Be Firm

**I have the honour to thanks all Instructors and all class mates
who always stood by me**

Thanking you

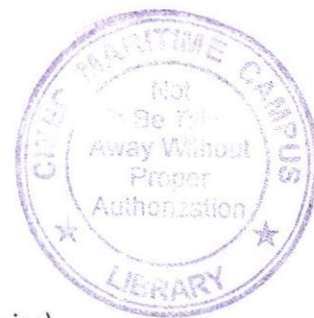


Oral Examination - Class I (Navigation)

Candidate: M.D. Tishan Tharaka Gunarathna

Examiner: Capt. Sunil Jayaweera

Date: 01.06.2016 (10 mins), 02.06.2016 (2 hrs), 03.06.2016 (10 mins), 06.06.2016 (10 mins)



01. There is a container, which may be an overweight than the declared weight. You are in doubt. Will you load it? What is your action?
02. Your vessel in pilot station and 10 miles to the break water. Rough weather. Pilot is asking you to come to break water. Will you proceed? If not, what is your action?
03. Full anchoring procedure? What is the scope of anchor and how you are going to decide it?
04. Now weather becomes worst. You're dragging the anchor. How you get to know you are dragging? If dragging what is your action?
05. How to do short turn? Examiner is expecting the procedure mention in Dandon seamanship book. Especially the engine movements should be full ahead and full astern. (Even though it is not practicable for all the ships such as large bulk carriers or large tankers)
06. What are the statutory certificates?
07. How do you take over command as Master? How do you take over as per STCW?
08. Fresh 3rd officer sign-on. This is his 1st contract as 3rd officer. How you handle the situation? What are the instructions given to him?
09. Restricted visibility. There is a target in port bow 5miles away. 3rd officer called you. What is your action?
10. Now the target is in stbd bow 3 miles away. What is your action?
11. Now the target disappears. What is your action?
12. Explain SUA, UNCLOS and STCW.
13. Give an example for SUA. Advantages?
14. STCW Manila amendments?
15. Dry docking preparations? Why you require to do dry docking? (As per SOLAS.) What is critical period, critical moment? What is extended dry docking?
16. Your vessel collated. What is your action?
17. TRS, you are in dangerous semi-circle, what is your action? You are in navigable semi-circle, what is your action?
18. Your chief officer's performance is very poor. What is your action?
19. How do you know ISM implemented onboard or not?
20. How you prepare your vessel for internal audit?
21. New amendments SOLAS, MARPOL and MLC?
22. Your chief officer is sick. What is your action? Ok you took radio medical advice from ROMA MEDICO. After that, to whom you report? (DPA)
23. You have a problem in ship, which require a good decision. How to take a decision? (Take ideas from senior officers onboard. Then inform your decision to DPA and Technical Supdt.)
24. What is Glaciers?
25. What is bank cushioning? What is bank effect?

Examiner: Capt Asiri herath

24/ 05 / 2016

- 1) How do you take over the jobs as chief officer? (Which vessels you have sallied)
- 2) What is your job and responsibilities as C/O?
- 3) How do you prepare your vessel as chief officer (Bulk iron ore) Full procedure?
- 4) How do you know how much you can load in one hatch?
- 5) Where it is written that ship can do alternative loading?
- 6) Why do you want to trim cargo holds?
- 7) What are the documents you have to check when finished Cargo operation?
- 8) When loading from 2 loaders 1 is broken what are you going to do?
- 9) Draft surveyor?(Didn't expect formulas)
- 10) As Chief Officer how do you prepare for dry dock?
- 11) As chief officer how do you prepare your vessel for Arrival port?
- 12) What are the precautions as C/O when going through narrow channel? (Not the rule no 9)
- 13) What are the precautions as C/O when in restricted visibility? (not the rule no 19)
- 14) As C/O what are the precautions before entering winter zone?
- 15) New manila 2010 amendments?
- 16) New SOLAS amendments?
- 17) As I was a car carrier guy, asked about Hoegh OSAKA case study?
- 18) How you know there is a TRS. What are the avoiding Actions?
- 19) What are your duties as chief officer in a pollution situation?
- 20) What is damage stability booklet, plan How to use it?
- 21) What are the entries in Official log book? When are you going to open and close the Official log book?
- 22) What is ballast water management plan?
- 23) What is salt water flushing?
- 24) What is the real name of chain registry? What are the contents? Who is a competent person?
- 25) Where to find how much area in superstructure for painting?
- 26) What is the real name of paint manual? Is it a booklet or a manual?
- 27) What is Flag state & classification?
- 28) How to find the KG of a vessel?
- 29) What is MCTC? How to find it?
- 30) What is a trimming moment?

I would like to thank my CINEC lectures and my friends.....

Thank you
Mileehsa hasantha.

Class - II Navigation

Examiner: Capt. Samantha Bandara

26/04/2016

- 1) As I was sailing on LPG He ask me only relating to that vessel. How to do loading?
- 2) How do you Take over duties as a C/O?
- 3) How will you prepare your vessel for heavy weather as a C/O?
- 4) Documents require for Dry dock?
- 5) Contents of repair list (modification list)?
- 6) How will you prepare your vessel for Load line survey?
- 7) I was asked how you prepare your loading plan? When charterer given you some amount of cargo how will you check How much can you load? (Summer displacement- FW, Fuel, Ballast, Constant etc.)
- 8) What is angle of Loll? How to correct it?
- 9) What is the different between winches & windless?
- 10) You have a fresh cadet on your mooring station. What instructions are you going to give him as C/O?
- 11) What is ISPS and how to implement it onboard?
- 12) STCW 2010 manila amendments?
- 13) What is MARPOL & Annexes'? What is Tory canyon incident?
- 14) Explain UNCLOS? What is territorial water?
- 15) What is SUA convention?
- 16) Contents of damage stability booklet? How to refer it?
- 17) Contents of stability booklet?
- 18) You are on northern hemisphere Dangerous semi circle. What is your Action?
- 19) What is static electricity?
- 20) What is classification Society?
- 21) What is flag state and port state?
- 22) What do you know about Anti-fouling convention?
- 23) What are the publications required to carry on board your vessel?(LPG)
- 24) One crew member complaining that he has back pain. What will you Do?
- 25) How will you prepare your vessel for arrival as C/O?
- 26) Cargo loading precautions? How to carry out loading? (Full procedure)
- 27) You have fire onboard. How do you deal with this as C/O?

I like to thank my CINEC lectures and all friends...

Thank you.....

Ruchira dodanwala

Navigation Class 3

Candidate : N.D.Thilak Nanayakkara / 0712102544

Examiner : Capt.Nick Senanayake

Date : 20th May 2016



1. Definitions of

- NUC
- RAM
- CBD
- Underway
- Sailing Vessel
- Fishing Vessel
- In Sight Of One Another

2. What are the avoiding actions in restricted visibility as per rule no.19?
3. In restricted Visibility you have an echo detected on your Radar STBD bow, 4 points, 5miles range. Range reducing and bearing steady. What is your action?
4. In restricted Visibility you have an echo detected on your Radar PORT bow, 4 points, 5miles range. Range reducing and bearing steady. What is your action?
5. How do you know that the other vessel is past and clear?
6. In restricted Visibility you have an echo detected on your Radar PORT bow, 4 points, Range reducing and bearing steady. Another echo detected on your STBD beam. What is your action?
7. What is the safe distance, both in clear and restricted visibility?
8. In restricted Visibility your look out report to you that he is hearing a fog signal of another vessel about 2 points on STBD bow. Nothing detected on the Radar. What is your response?

In my answer I mentioned that I will reduce my speed to the minimum where I can keep my vessel on a steady course and then I will inform master. Then Examiner cross questioned me,

- Why do you call master?
- How would you call master?

9. In clear visibility a vessel detected on 4 points on your STBD bow, 6 miles range. Range reducing, bearing steady. What is your action?
10. In clear visibility a vessel detected on 4 points on your PORT bow, 9 miles range. Range reducing, bearing steady. What is your action?
11. You see a white light, PORT bow, 4 miles. Range reducing, bearing steady.
- How do you identify the target?
 - Why bearing is steady and range reducing?
 - If it is a stern light. What is your action?
12. Lights and shapes, sound signals of the followings.
- Power driven vessel under way and Not making way
 - Power driven vessel under way and making way
 - NUC under way and not making way
 - NUC under way and making way
 - Vessel engaged in towing, towing vessel more than 50m in length and length of the tow exceeds 200m.
 - A PDV of length 100m aground.
 - A vessel constrained by her draught? Are those lights and shapes compulsory?
13. What are the minimum visibility ranges of lights in a vessel of 50 or more in length?
14. **Definitions of the followings.**
- **Masthead light**
 - **Stern light**
15. **IALA maritime buoyage system (shapes, Color, Top marks, Lights and Rhythms)**
- **Region B lateral marks**
 - **Isolated danger (including the purpose)**
 - **North cardinal mark**
- When you are heading 270 degrees and you see this buoy right ahead, what is your action?**
16. How do you obtain the reading of the precision aneroid barometer?
- How do you maintain it?
 - What are the errors?
 - What is the height error?
 - Why it is always add to the reading?
 - What is index error?
17. What is the requirement for steering gear testing?
18. How do you test the steering gear?

19. What is single gear and double gear in cargo winches?
20. How would you do a short turn?
Where it is use?
21. Plan a passage from New York to Gibraltar using Gnomonic chart. Limiting latitude 50N.
22. How do you plan the same passage if you don't have Gnomonic charts?
23. How do you quickly obtain the index error of the sextant?
Answer: explain the Horizon method.
24. How do you prepare the anchor for letting go?
25. How do you take over Watch at night?
26. During take over when you check your planned track for next 6 hours what are the dangers you are looking for?
27. The gyro is 2 degrees high, the true course is 135 degrees. What is your gyro course?
28. If there is a 5 degree leeway, wind is coming from STBD. What is the gyro course that you steer?
29. Life boat painter requirement?
➤ Where are they stowed?
➤ What are the two type painters and their purposes?
30. How to shoot LTA and validity period?
31. What is Turbo charger and its function?
How do you know if its fail?
32. What is the Srilankan drill requirement?
33. What is the purpose of trial maneuver and how you do it?
What is delay time?
34. What is region B as per IALA maritime buoyage system?
Answer: Countries following region B.
35. How do you cross a T.S.S?
How would you join/ leave a T.S.S?



❖ ***My gratitude to all our lectures, my friends and Library staff.....***

Oral Examination for Master Class 1

Date: 17/05/2016 (1110-1230HRS)

18/05/2016 (1345-1440HRS)

Candidate: Ahmed Rafeeu

Examiner : Capt. Bandara



Examiner went through my documents and questioned me on my previous experience on various vessels specially accidents and near miss occurred onboard during my sea time.

- 1- How do you take over the command of the vessel as the Master?
- 2- What are the safety points you will consider when taking over?
- 3- What are the statutory certificates carried onboard?
- 4- As master how are going to plan a passage Vancouver to Japan?
- 5- What precaution you are going to carry?
- 6- How many days reserve you keep onboard for 30 days voyage?
- 7- What is ISM?
- 8- What are the certificates issued under ISM?
- 9- How do you know ISM has been implemented onboard your ship?
- 10- What is Masters overriding authority and where it is mention?
- 11- What is role of Master when navigation with pilot?
- 12- What you do if pilot action is not satisfied for you?
- 13- What you will do if chief officer is not cooperating for you and his performance is poor?
- 14- Explain restricted visibility?
- 15- What are the shallow water effects?
- 16- What is running moor and open moor?
- 17- What are you going to do if anchor dragging?
- 18- What are the Latest Amendment for STCW?
- 19- How do you implement working hours and rest hours onboard?
- 20- A newly third officer join onboard for his first watch what instruction you gave to him?
- 21- What are the statutory duties after collision?
- 22- What are the parties you have to inform?
- 23- What are you going to do if you ship fore peak tank broken?
- 24- What is damaged control plan? What information you will obtain from it?
- 25- You received distress alert and what is you action?
- 26- What are the situations where you unable to assist the distress ship?
- 27- TRS identified in south china sea South of Taiwan, your vessel is in between china and Korea. What is your action, give me full answer and Master's decisions? Refer Capt. NadeemAnwaer Book.
- 28- What is port of refuge?
- 29- What are the occasions you can divert the port of refuge?
- 30- What is the Port state?



- 31- What is Flag state?
- 32- What is second registry?
- 33- What are the SUA , CLC, BALLAST WATER, UNCLOS, MLC conventions?
- 34- What is the Latest Amendments of SOLAS?
- 35- What is the amendment for (SOLAS CH VI/2/6) containers and when it become enforce?
- 36- What is the latest Amendments of Marpol 73/78?
- 37- Tell me what happen to the vessel Torrey Canyon?
- 38- What happen to the Mv. Herald of Free Enterprises?
- 39- What is critical period?
- 40- Tell me Dry docking full procedure?
- 41- Explain full procedure for load line survey?
- 42- Is it possible to have two load line on ships? What are the regulation?

Thank you very much for all my lecturers who guided me through out from the class 111 to Masters Examination and also the friends who support me.

Good Luck all the best!

Class 01 Master Orals
Candidate: J.A.D.T.Jayakody
Examiner: Cap. Senanayake



Date: 09/03/2016
Time: 1400 to 1615

1. How do you take over command as STCW.
2. Why do you want handing over notes if not give what you do. What do you ask from the office.
3. Can vessel detain if not have class certificates. Where it says that vessel should have class certificates.
4. What are the benefits of having class certificate.
5. When you take over as the master what you first check.
6. What is condition imposed how do you deal with that.
7. What are the three main function of B/L. What other documents required after loading complete. What you check B/L Presented for you to sign.
8. What are the three main things to complete for salvage. how do you decide salvage rewards.
9. In restricted visibility and clear visibility as far as practical what should be avoided when altering course.
10. You are in cabin. you are second officer called you and inform he can hear fog signal but cannot see on the radar. What is your action.
11. what is your standing order. What standing order you give to your C/E.
12. What STCW 2010 says regarding Engineers and engine crew.
13. TRS in north athletic all your electronic weather sources fail. how do you handle the situation.
14. In north pacific you are away from the land one of the E/R crew parted his hand. what is your action. What pain killer you give.
15. In North athletic passenger ship on fire. 3000 passengers on board. No communication with the vessel. All L/B, L/R Damaged due to fire. RCC inform you to proceed. what is your action. what equipment you can use to rescue the passengers. Where it says.
16. You have been asked to proceed Polar Region. how do you prepare. explain with Polar code.

17. What special training introduced for C/E as per STCW 2010. What is the limit of high voltage.
18. How do you proceed to implement ISM.
19. How do you confirm that ISM is functioning in your ship.
20. How do you know your crew understands the job as per ISM.

Give detailed answers to make him satisfied if he knows that you are in confidence of that particular topic he will leave that.

I take this opportunity to thank all my NDT Lecturers who have given me the start of my sea life and CINEC Lecturers who have guided me towards my goal.

Good luck.



Oral Examination for Masters Class-1

Candidate : G.L. Prasanna Mendis

Examiners: Capt.Sunil Jayaweera / Capt.Bandara

Date:25 feb 2016

Time: 10:45-12:00 Capt.Sunil Jayaweera / Capt.Bandara

13:15-1350. Capt.Bandara

1. Serious sea experience in your sea carrier? I told about a rescue operation experience.
2. If you'r the master in that ship what is your action? He told me wind is 4-5knts wind how your going to rescue the people.?
3. I told by mistake I'm going to stop the vessel in distress location for rescue the survivors. Now engine is not starting vessel drifting due to current towards the shallow area what is your action?

Contact engine room and check the time required.

Lower the anchors below the water for create a resistance in water to minimize the drift.

Prepare the anchor station for anchoring . Before anchor check for the seabed,depth,weather and ukc of the vessel.

Inform the ships around send urgency message.

Call for a salvage operation (this is a final option but he told not advisable since cost expensive

Note- Don't tell stopping the vessel ,try to maintain the heading with minimum Speed. If plan to stop tell I will consider about the available navigable water and associated weather conditions.

4. Preparing vessel for a drydock as a master?
5. Drydock plan cancel now going for a bottom cleaning?

He was expecting as bottom cleaning the in water survey preparation as a master how am I going to call for the survey and divers. IWS mark on class certificate.

Conditions for carry out IWS

Sheltered water,clear water,no current,two way communication with surveyor and diver ,alfa flag,inform engine room and ships in vicinity.

6. Why bottom cleaning is required?

I explained about SEEMP,marine growth in the ship hull,obtain the optimum speed

<http://www.navtronic->

[project.eu/userdata/file/Public%20deliverables/Lloyds%20SEEMP%20Guidance%20Notes%20for%20Clients%20v2_tcm155-240651.pdf](http://www.navtronic-project.eu/userdata/file/Public%20deliverables/Lloyds%20SEEMP%20Guidance%20Notes%20for%20Clients%20v2_tcm155-240651.pdf)

7. What is extended drydock?
8. Is there a possibility of extending the drydock period for 10 year or more?
I explained about the hull painting thickness requirements.if paint is lasting can be considered by the class.
9. How are you implementing ISM on containership. This is the first containership in bulk carrier company also you're the first master?
10. What are the duties of DPA as per ISM Code?
11. What is the document on board for rescue the survivors at sea?

I explained the manual "person recovery from water" and content.



Oral Examination for Masters Class-1

Candidate : G.L. Prasanna Mendis

Examiners: Capt.Sunil Jayaweera / Capt.Bandara

Date:25 feb 2016

Time: 10:45-12:00 Capt.Sunil Jayaweera / Capt.Bandara

13:15-1350. Capt.Bandara

I told about rescue bucket,he was asking me is this home made or ordered ,

Answer is ordered has to be with test certificate.

How you're lifting the rescue bucket?

By using the ships crane

Can you use cargo gear for human transfer?

If using ship cargo lifting gears for human transfer has to be test certified as per the ILO REQUIREMENT (pls refer the http://www.gl-group.com/infoServices/rules/pdfs/gl_iv-6-9_e.pdf)

12. What is classification society?

13. Your chief officer on board is senior mate and a elderly person,not following your orders ,delay for watch,having a ego problem and neglecting you , how you're handling this situation?

14. Your chief officer on board is senior mate and a elderly person,he is good in his duty,good relationship with crew but neglecting you due to ego problem How you're handling this situation?

15. Your chief officer on board is senior mate and a elderly person very good relationship with you as a master but poor in his duty and neglecting responsibilities,How you're handling this situation?

My answer for all above was same ,first try to discuss with him and try to solve the problem with ground level,if it is impossible will use the "code of conduct guide lines)

<http://www.islandshipping.ie/assets/PDFs/Code-of-Conduct-for-the-Merchant-Navy.pdf>

The penalties which may be imposed are as follows:

Master

Dismissal from ship

Final warning

Written warning

Formal warning

Informal warning

16. How you take over the command as master ?

17. You have taken over halfway now terminal advice yo shift the berth,now handover master,3rd mate and you on bridge.during channel passage handover master and 3rd mate having argument not concerning about navigation,vessel drifting towards shallow what is your action?

I will advice and make a reminder since I have not officially take over can't.

➤ Still same situation not listening you ?

I have to order them to stop this and tell master to take action.

➤ Still same situation not listening you ?

Now I will take action to save the crew ,environment and vessel from imminent danger.

Oral Examination for Masters Class-1

Candidate : G.L. Prasanna Mendis

Examiners: Capt.Sunil Jayaweera / Capt.Bandara

Date:25 feb 2016

Time: 10:45-12:00 Capt.Sunil Jayaweera / Capt.Bandara

13:15-1350. Capt.Bandara

- You took the action but not sufficient vessel touch the bottom how your going to cover yourself by legal obligations?

I will take a VDR back up for investigation to prove that I have taken all the early actions and due diligent to notify the master ,that vessel running to danger but he was neglecting the safety of navigation that's why I had to take action to save the crew ,environment and vessel from imminent danger.

Also I will issue a letter of protest against the master and take statement of facts from the other crew on bridge such as helms man.

18. What is polar code?

19. What is MLC?

20. Now vessel in Japanese port your next port Singapore. You received the message TRS forming in northern hemisphere. You have plan the passage through taiwan straight.what are your actions? My action was as per below diagram to stay in sheltered area until TRS pass.

- **Find the diagram below for this question**

(mainly this was a discussion with him he was trying to put me owners,commercial pressure and weather routine advice to proceed how you take decisions. I stay in my same answer no changers. finally he advice theoretically correct my answer but also consider about other factors and take some chance proceedings and changing the course as TRS moves.)

21. What are the means you can get TRS information?

22. What are the probable paths that TRS can move as per current situation?

23. How to find the probable parts ? By Routine chart

24. What is most probable path? Through the taiwan straight due to ventures effect between two land masses.

25. A crew member complains about a chest pain?

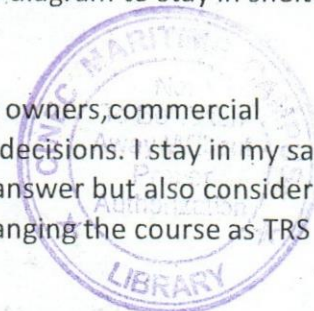
26. How you going to prepare for you vessel after long passage for arrival?

27. On arrival advice to anchor how you plan?

28. How you prepare your vessel for a long passage about 30days?

Mainly focus on fuel,provision,fresh water and navigational charts.

29. How much extra will purchase for voyage? About 6 to 7 days extra considering bad weather.



Oral Examination for Masters Class-1
Candidate : G.L. Prasanna Mendis
Examiners: Capt.Sunil Jayaweera / Capt.Bandara
Date:25 feb 2016
Time: 10:45-12:00 Capt.Sunil Jayaweera / Capt.Bandara
13:15-1350. Capt.Bandara



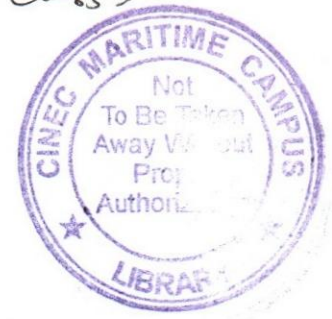
Questions are not in the order

I would like to thank all the lecturers at CINEC, the friends who supported me on finding information specially to all my class mates at masters class Batch 15

Thank You and wish you all the best !!!!!!!!!!!!!!!!!!!!!!!



MD CC-65 J



Oral examination

Examiner: Capt. U.Peiris

Candidate: K.L.U. Srinika

1. At the time of you joining a vessel, how do you find any non conformity or condition is imposed to the vessel?
2. There is a passenger vessel is in distress. There are passenger floating in the water. MRCC has given instructions to you to proceed to the distress location. Then your vessel has proceed to the location and communication has established with the distress vessel. How do you rescue person from water? Give full procedure.
3. As a master, how do you review the SSP?
4. What is a short term certificate?
5. What are the documents involved with ISPS?
6. Who will issue DMLC I and DMLC II?
7. If your flag state is not ratified MLC 2006 convention, but if you need to go to a MLC 2006 convention ratified country, what document do you require?
8. What is parametric rolling and synchronized rolling?
9. What type of ships are more prone to parametric rolling? (construction details)
10. How do you avoid parametric rolling?
11. What is the convention for ships ballast water management? When was it adopted?
12. What is cold ironing?
13. What is an exemption?
14. What is the WHO requirement for onboard fresh water management?
15. You are in a port. Your 2/O met with an accident and need to hospitalized immediately. What is your full procedure?
16. What do you know about the ADP's. What are the mandatory documents to use ADP's?
17. How do you know that ECDIS should complying with the all statutory requirements and can be replaced with paper charts?
(Official ENC's and RNC's)
18. What is VGP?
19. What are the master's responsibilities and duties in case of a collision?
20. What is SOLAS chapter 13 and 14?

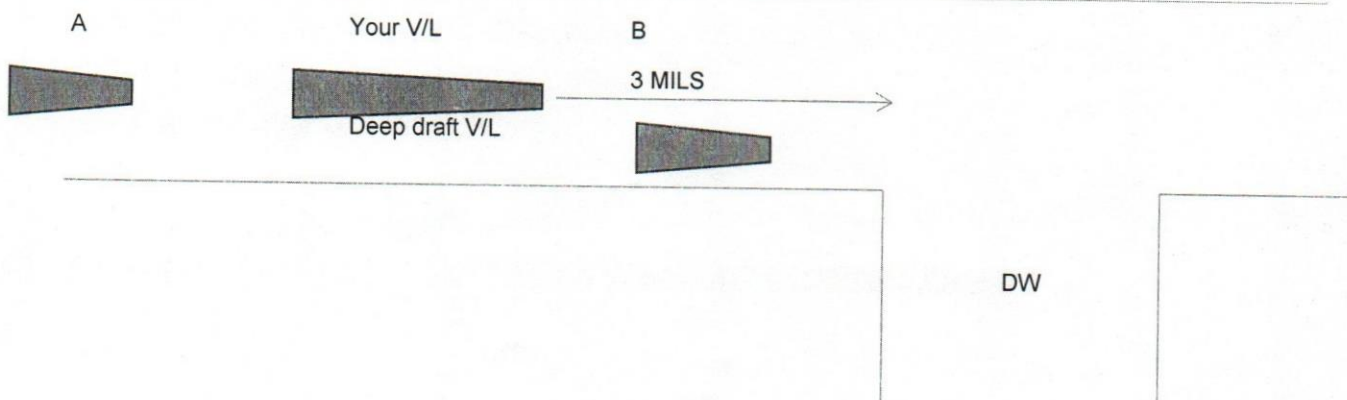


Masters orals

Candidate :H.A.M.P.K Jayarathna

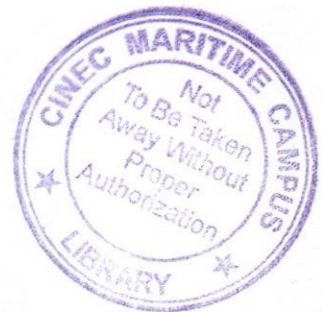
Examiner: CaptBandara

01. Masters action when your vessel in the vicinity of TRS.
02. How do you get weather information?
03. TRS near Thaiwan strait, you passage China to Singapore via Thaiwan strait, what are your actions.
04. You are in port cargo operation in progress, TRS approaching what is your action.
05. Your next sea passage 45 days from japan to west coast Africa how do you plan your passage.
06. Explain how you take over as a master.
07. What is master's responsibility?
08. What are the statutory certificates?
09. What is antifouling certificate?
10. How do you prepare your vessel for dry dock?
11. What is damage stability?
12. What is the damage stability plan?
13. What are the master's statutory requirements after collision?
14. In Narrow channel you are in a deep draft vessel during 3rd mates watch he calls you to bridge, your next alteration 3 miles ahead to stbd, DW route, one vessel on your dead astern and another vessel on your stbd bow, you and other vessels are maintained same speed. 3rd mate complained both vessels not answer to the VHF and cannot make alteration. What is your action?



15. What are the latest SOLAS AMENDMENTS?
16. Explain the amendment of "Container Mass Verification"
17. What are new amendments to STCW 2010?

18. What is the new training required for masters and officers as per STCW 2010.
19. Your 2nd mate is very good for his job but he is not respect to you and not follows your orders. What is your action?
20. Your 3rd mate is very good guy and his is your good friend but very poor performance in his job. What is your action?
21. What is master role when vessel navigating with pilot.
22. If pilot action is not sufficient to avoid the danger and he is not cooperating with you what is your action?
23. Your joint as a master for a VLCC and company instruct sail one voyage with the outgoing master after arrival of next port you will get the command. During approaching to the port you out going master and chief officer on the bridge and outgoing master manoeuvre the vessel, suddenly outgoing master and chief officer had an argument and they not concern about navigation. Vessel is heading towards the danger. What is your action?
24. You are take action to avoid the situation but it's too late vessel ran aground and cause heavy oil pollution, outgoing master blame you are responsible for the accident. How you safe guard yourself.
25. When an oil spill occurs what are your actions. In USA waters within how much time duration should you notify QI.
26. Your next employment from Aden to South Africa Company provide 04 sea marshals and instructed to you to proceed with 20 nm off Somali Coast. But during first security drill find the security guards unable to shoot successfully to a floating barrel target. What is your action?
27. What is flag state?
28. What is port state?
29. Your second mate informs one crew member is complaining he is suffering back pain what is your action.
30. Your crew members complaining their monthly allotment was not send to their bank accounts during last two months what is your action. What are the requirements as per MLC 2006?



MASTER'S ORAL EXAMINATION

CANDIDATE- NADEEKA FONSEKA

EXAMINER – CAPT. NANDIKA PERIES

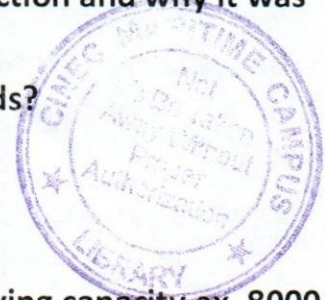
OBSERVATION-CAPT.BANDARA

DATE- 03RD DECEMBER 2015 , 1200-1230hr & 1300-1310hr

Examiner asked the CDC and checked that what are the vessels which I sailed on

Since last two ships were large container vessel and cape size bulk carrier all initial questions were based on it,

1. How you are feeling container VS bulk?
2. What is liner trade?
3. What are the structural differences between containers ship and bulk carrier?
4. What are the major constructional differences in forward section and why it was designed in such a way?
5. What is the constructional difference of separation bulkheads?
6. Asked to draw a sketch of container ship cross section?
7. Is cell guides give any strengthening to the ship?
8. Why container vessel trading with more speed than bulk?
9. Now vessels designed and constructed with large cargo carrying capacity ex, 8000 TEU, what is the reason for it.?
10. Vessels are doing slow steaming why it is? and does it cause any problem to the Engine and what is the procedure to do it?
11. As a port state what is their responsibility to develop efficiency of shipping?
12. In case if you are proceeding to the ECA area how you plan?
13. What is the changeover procedure from high Sulphur to low Sulphur, how to calculate time required for change over process?
14. What is fuel blending?
15. What instructions and advices you are giving to C/Off who new to bulk when loading cargo with higher loading rate?
16. Under which Obligation, Owner must provide ship stability information to Master, where it given?
17. What is bad weather?
18. How you are preparing vessel for heavy weather as a Master?
19. What is Pooping and Broaching and how it effect to the vessel?



20. What is your obligation when collision?
21. What are the Masters obligations of reporting?
22. Where it given?
23. When oil pollution in Sri Lanka whom to be report? And from where you get contact details?
24. How you are preparing vessel for a dry docking?
25. In case of repairs on hatch coaming can you cut whole length of it to gather, what is the problem you will face, what are the precautionary actions and procedure to do the repair.
26. What is the minimum dimension requirement of insert plate on hull, how insert plate should prepared?
27. Who give these requirements?
28. Have you done dry docking of a vessel?
29. Your vessels forward section aground, what actions you are going to take as Master?
30. Owner is planning to implement MLC onboard and request from you to do the gap analysis, how you do it?
31. You are in danger and going for salvage what is the procedure?
32. Can you able to make salvage agreement without signing papers?

Some Questions of above looks very simple but examiner needs to answer the questions in Master's point of view with little explanations of our own knowledge.

I will take this opportunity thanks

All lectures and friends who helped to achieve the goal.

Special Respect to "The Queen M.V.Lanka Mahapola" , "Ceylon Shipping Co-operation" and "NDT Nautical Department" giving me a chance to read the alphabet of Merchant Navy, Also to Team of the Department of Navigation in CINEC who helped lot to accomplish the GOAL from class III to class I.

Wish you all the Best

H.Nadeeka Ranjeewa Fonseka.

MASTERS ORALS EXAMINATION

Examiner - Capt. Nandika Peris
Observation - Capt. Wilson & Capt. Bandara
Candidate - G R A U Gonawala
Date - 20.11. 2015
Time - 12.00 - 12.45



Questions

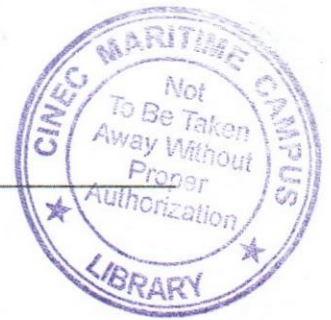
As usual examiner asking few questions regarding your sea experience.

- 1) What were the latest Accident / Incident you faced onboard?
(Need to explain corrective & Preventive actions)
- 2) Analyze this situation as Master & Company DPA?
- 3) DPA & Company Superintendent Duty?
- 4) Latest Navigation Hazards / Accident/ Incident you faced onboard or on your fleet?
(Explain what action taken to prevent error chain)
- 5) Taking over commands as fresh Master?
(Full ISM & STCW Procedures)
- 6) You & third officer new to the company, how you evaluate him?
(1st navigation, cargo watch)
- 7) What are the statutory documents to be amended prior to change ships name?
(CSR form -2, Ship registry, OLB)
- 8) Role of P & I Club?
- 9) Prior to departure C/O bring you the stability report, what are the areas are you going to check?
- 10) What is Appendicitis, Hernia & heart attack?
(Sign, Symptoms & treatments to be given)

Remarks:

- When you answer to the questions be confident & give it to the point
- I would like to take this opportunity to thank all lecturers , Master class batch mates & specially MSTI - OTC cadet batch -1

All the best!!!



Master's Oral Examination

Candidate: U.N.D.Manaram

Examiner: Capt. Nandika Peries.

Date: 17.06.2015 – 3 hours

1. How stability is affected when there is wind heeling and how to calculate wind heeling moment / draw and show me wind heeling moment on stability curve./ what is residual stability?
2. What are the Static and Dynamic stability?
3. Describe intact stability criteria. Which convention is governed intact stability criteria? Load line
4. Why is radian used to measure stability criteria instead of degrees?
5. How is KM changed when the displacement increased? Need to draw the graph –KM Vs displacement.
6. When considering bulk carrier and container, which one has more squat? Ans- Bulk carrier, this has to prove using squat Formula..... Bulk carrier has high block coefficient, so squat increases as block coefficient is increased.
7. What is block coefficient? i could not remember exact definition, so I used sketch and explained him.
8. How KG is changed when there is a free surface is available? KG increases, this you have to explain him in details how it happens.
9. What are the methods that container vessels are being taken to reduce FSE? Having said that tanks are divided into partitions, and then he asked me to explain it using Formula.

$$FSE = \frac{\text{density} \times 2^{\text{nd}} \text{ moment o inertia}}{\text{Displacement}}$$

If a tank is divided into "n" numbers of tanks,

$$FSE = \frac{\text{density} \times 2^{\text{nd}} \text{ moment of inertia}}{\text{Displacement}} \times \frac{1}{n}$$

10. Define stiff and tender....how rolling period is changed as GM is changed.

I have to explain above using equation of rolling period. i.e. when GM is increased ,the rolling period will be decreased.

11. What are the markings that you can see on Plimsol mark? How do you identify ship's fore and aft by looking at plimsol mark only...
12. Is plimsol mark is located at right mid ship or any other place? having said mid ship ,then he asked ,why do you make mid ship correction for draft survey calculations?
13. Conventions-Tonnage / Load line
14. What is the main objective of Load line convention---- Reserve buoyancy
15. What are the Certificates which are coming under SOLAS convention..
16. Which convention is related to certificate o registry? UNOCLOS / UNTAD-United nation trade and development.

17. What is gross and net tonnage? / How do you measure them? I told him that I don't remember the formulas which are used to measure GT and NT, but GT and NT are being measured by class surveyors during the design stage on behalf of the flag state.
18. Why class is doing it on behalf of flag state?
19. What do you do if you receive distress alarm when you are in MF/HF range?
20. Why do you wait some time to acknowledge distress alarm and why do you relay it?
21. Full procedure from the time you receive distress alarm until you rescue person.
22. Who is the responsible for search and rescue-RCC in Sri Lanka? Sri Lanka coast guard.
23. How Nav warning is promulgated in Sri Lanka?
24. If there is an oil spill in Sri Lankan waters, to whom you should report? MEPA-Marine environmental protection authority. From where you can find its contact number-SOPEP Manual.
25. How do you identify heat stroke and stroke? What are the symptoms?
26. When you on your vacation at home, a junior officer (who is going to join a vessel that is frequently calling English channel and European ports), is coming to your home to get an idea about navigational procedure within above area, how do you guide him?
Explained about crossing traffic, reporting points and procedures, use of engine, call master, special areas, restricted visibility, etc...
27. What instructions do you give to your newly joined junior officer before departure port of Southampton? Explained from bridge familiarization, BTM, standing orders, do not hesitate to call master, minimum CPA required / limitation of equipment, reporting points, expecting traffic, visibility, additional look out if required, engines on your disposal etc...
28. What are the shallow water effects?
29. Is interaction presence at deep sea when two vessels are passing nearby?
30. What happened when vessel reduce her speed? Possibility of drifting / steering difficult etc
31. What are the external factors effects for the drift of vessel?
32. How pivot point is shifted when vessel is heeled be external force?
33. He gave me a sketch of moored ship which is a large container ship having off shore wind and asks me to un-berth and clear from break water. How do you decide how many tugs you require? Size of the ship, weather condition, availability of thrusters, etc..
34. What is latest marine accident? And how it happened?
35. What are the latest development in Suez and Panama Canal?
36. What are the master's statutory duties after the collision? Main three you have to explain.
37. How do you anchor? Full anchoring procedure. How much speed in relation to the ground do you maintain when you are at anchoring position?
38. What are the responsibilities of carriers in relation to the carriage of cargo? Basically provide seaworthy ship, arrive to agreed port, load agreed cargo and discharge agreed amount at agreed port, etc.

Wishing all of you Best of Luck and Patience, to clear your exams from Ministry

I will make this opportunity to thank;

All my Lecturers at University of Moratuwa and CINEC who guided me from Cadetship.

All my Batch Mates from University of Moratuwa and CINEC- mates and masters classes.

U.N.D.Manaram.

Master's Orals Examination Examiner: Capt. P.N. Senanayake

Candidate: Ishanth lakpriya wimaladasa

Date: 03.06.2015/23.06.2015

1st day 03/06/2015

1. What are the Statutory requirements of master as per STCW ?

Familiar with sms though crewing agent/management Company

Briefing at company

Get handover note familiar with maneuring characteristics

Go though a ship type familiaration to familiar with ship manuring manuring chararistics

By simulator course

2. You are in the vicinity of TRS what are your actions?

He ask about how to identify storm center if no electronic equipments and how far I told as per

Buys Ballots law:

Pressure below mean	Wind force (Beaufort scale)	Bearing of center from wind direction	Approximate distance
5mb	> 6	12 Points	Within 200nm
10mb	> 8	10 Points	Within 125nm
20mb	About 12	8 Points	Within 75nm

3. If you are get in to the storm centre what is your action? Heave to

4. what is heave to? That time I didn't give answer

Due to stress of the weather to ride the storm in most comfortable way by

- With the sea on the bow and steaming at reduce speed sufficient only for steering.
- With the sea abaft the beam and similarly reduce speed.
- Stop the vessel and drifting the leeward.

5. what is the best action? That time I didn't give answer

With the sea on the bow and steaming at reduce speed sufficient only for steering

6. What is veering/backing?

Backing

Change of true wind direction to an anti-clockwise direction.

Veering

Change of true wind to a clockwise direction.

7. Why call dangerous semicircle? as per nadeem anwer book



Dangerous semicircle: It lies on the side of the path towards the usual direction of re-curvature, i.e., to right hand semicircle in the N and left hand in the S (away from the equator before re-curvature and towards equator after re-curvature). It is called dangerous because:

- if a ship is lying towards that side and forward of trough line, the storm will close in very rapidly due to normal movement of the storm;
- wind will tend to blow the ship towards the path and closer to the centre;
- re-curvature will decrease the distance further from the centre.

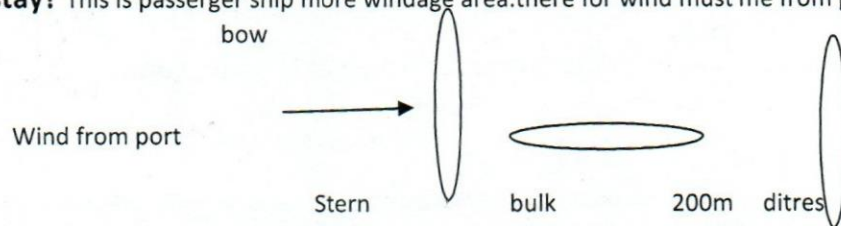
8. How to find whether ur on DSC,NSC and on the path?

9. 2000 Passenger vessel on fire , no communication available,there is no life saving appliances onboard all burn.you are on a 100000 bulk carrier, wind force 6/7, how you are going to do rescue people full details of preparations?

10. Approaching direction?

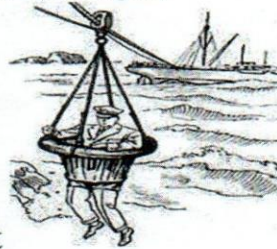
approach from windward side, keep the wind on bow

How dead ship lie/stay? This is passenger ship more windage area.there for wind must me from port or stbd then I draw a pics



How to rescue?

once come 200 m range, fire LTA and pass heaving line and connect a wire rope and pass through snatch blocks. for this arrangement can use life raft to transfer passengers.



Beech buoy procedure. In this he want life raft

How u maintain distance 200m? giving head kick and using my rudder **why 200m?** LTA lenth 230m

How to fire LTA?need to draw

What are the things you check once passengers on board?

get their names, age, attend their medical facilities; etc

After what are your action? proceed to port of refuge.

What is ISM and SMS in detail

ISM-mandotory as per solas,sms prepared under ism but u must give brief descriptions

11. **What is statutory certificate?** Must be carry as per solas ,marpol,loadline

Master's Orals Examination Examiner: Capt. P.N. Senanayake

Candidate: Ishanth lakpriya wimaladasa

Date: 03.06.2015/23.06.2015

12. **What survey need for loadline certificate?** Initial/ annuals /renewal

13. **What survey need for radio certificate?** initial/periodical/renewal

14. **What diff between statutory certificate and class certificate?**

15. **who issue statutory certificate?** Class issuing under authority of flag

16. **What are the checks you do in statutory certificate?**

Any conditions imposed

17. **if load line certificate and condition imposed as a master how you act?**

I didn't give answer

18. **What is ECA?**

Sulphur Emission Control Areas (SECAs) or Emission Control Areas (ECAs) are sea areas in which stricter controls were established to minimize airborne emissions (SO_x, NO_x, ODS, VOC)^[1] from ships as defined by Annex VI^[2] of the 1997 MARPOL Protocol which came into effect in May 2005. Annex VI contains provisions for two sets of emission and fuel quality requirements regarding SO_x and PM, or NO_x, a global requirement and more stringent controls in special Emission Control Areas (ECA).^[5] These regulations stemmed from concerns about the contribution of the shipping industry to "local and global air pollution and environmental problems." By July 2010 a revised more stringent Annex VI was enforced with significantly tightened emissions limits

19. **Why those areas selected as ECA?**

those are heavy industrial areas.

20. **What are the STCW 2010 amendments in detail?**

not just summery you must know in detail all the new requirements. (Navigation discipline, Engineering discipline, Electrical discipline, rest hours, etc; in detail, go through the STCW code)

21. **When are the changes will be implemented**

1st January 2013

22. **What are the SOLAS amendments form 2010? You must be able to explain each amendment?**

Check my email attachment with this.

2nd day 23/06/2015

01. **What are the statutory certificate on board?**

Registry, Int. Tonnage cer-Tonnage convention/Int. Load line cer-Loadline con

SOLAS



Safe manning certificate -Solas

Voyage data recorder sys-certificate of compliance-Solas

Document of compliance-solas

Safety management certificate-solas

International shi security cer-solas, isps

Continues synopsis record-solas

*Cargo ship safety construction cer-solas

*Cargo ship safety equipment cet+form E -Solas

*Cargo ship safety radio cer +Form R-Solas

Cargo ship safety cer+Form C-Solas (is an alternative to '**')

Document of compliance with the special requirements for ship carrying DG

MARPOL

Int oil pollution prevention cer.- lopp - Marpol

Int sewage pollution prevention cer-Marpol

Int air pollution prevntion cer-IAPP-Marpol

Int Energy Efficiency cer-Marol

Oil pollution prevention cer for the carrage of noxious liquid substances in bulk -marpol

Cer of fitness for the carrage of dangerous chemical in bulk-Marpol

Cer of fitness for the carrage of liquid gases in bulk-Marpol

other

Int antifouling sys cer.-AFS Con

Cer of insurance or other financial security in respect to civil liability for pollution damage-CLC

Cer of insurance or other financial security in respect to civil liability for bunker oil pollution damage -
Bunker oil

02.What is the most important point when you are checking the certificate?

Master's Orals Examination Examiner: Capt. P.N. Senanayake

Candidate: Ishanth lakpriya wimaladasa

Date: 03.06.2015/23.06.2015

(Answer -Any condition imposed to the certificate)

03. what u ask from pervious master for that?

What are the measures taken for correcting that

04.how u correct?

Call general meeting,check root course,find out material and man power,get it down immediately,informed class though the DPA

05.what is action if ur on cente of eye ? Heave to

06.what is heave to?

With the sea on the bow and steaming at reduce speed sufficient only for steering.
With the sea abaft the beam and similarly reduce speed.

07.which one is best action?

With the sea on the bow and steaming at reduce speed sufficient only for steering.

08.what dangerous in eye ?

vessel can capsize,structural damage

09.how? due to heave swell

10.what is weather condition on eye? High swell, low pressure, modatare wind

11.how TRS form?

12.what is solas 2010 amendmend?(following all 13 -19 cross questions regarding amendmend)

13.what is recovery person procedure ? 2010 amenmend

14.who IS responsibility to test AIS? Flag approved Shore base maintainace provider.have details on shore base maintainace certificate

15.how to test AIS? Test message,ship input date ,ship name

15.what is man rope diameter ? between 28mm-32mm before 2010 amendmend 28mm max

16.what is commen name for gases in tanker? Hydrocarbon gases

17.what is flammable limit? LFL 1% and UFL 10%

18.why it is dangour? Can explosion



19. what is benefits inerting ?

Prevent explosion , as extinguishing agent, reduce loss of cargo due to evaporations, inside maintain slight positive pressure and this increase discharging rate. reduce oxygen and reduce crossions

20. what is ISM and SMS?

ISM-Code which made mandatory undey solas ch ix-Management of safe operation of ships

SMS- Safety management system prepared under ISM

21 .what certificate carry? validity? DOC

- DOC issued to the company by flag or RO & copy must be kept onboard
- Valid for 5 year
- Interim DOC is valid for not exceeding 12 months(not required to authenticated or certified)
 - Issued
 - a) A company is newly established
 - b) New ship type are to be added to an existing DOC

SMC

- SMC issued to ship by flag or RO & original must be onboard
- Valid for 5 years
- Interim SMC is valid for not exceeding 6 months
 - Issued
 - a) To new ship on delicvery
 - b) When a company takes on responsibility for the opration of the ship which is new to the company
 - c) When a ship changes flag

22. what are the Audits? who conduct?

Internal = can be carried out by newly joined master or person appointed by company

External audit = By flage state or RO

23. What requiremends for dry docking? Class note

24. What is extended dry docking? Class note

25. What is in water survey? Class note what are the conditions? Class note

26. What is STCW 2010 engine room amendmend?

Master's Orals Examination Examiner: Capt. P.N. Senanayake

Candidate: Ishanth lakpriya wimaladasa

Date: 03.06.2015/23.06.2015

27. what rest hours amendmends?

28. Case study M.V RENA? some cross quistions regarding incident. Can check from internet

29. What happened resonly in china? Cap size m.v eastern star

Why I was happened? Due to torenado and ship having low freeboard

30. What is toranados?

Forming tornado unknown, effect area small, can lift heavy object, can form over sea and land, path unpredictable, forming areas unknown

31. Toranados over sea what u call? Water spout

32. Did u see toranados? yes

Where it can forms? I tald I saw that when I was cadet .in indian ocean

33. Case study M.V SEWOL? Can check from internet

34. what is MARPOL annex 6 ECA AREAS?

Sulphur Emission Control Areas (SECAs) or Emission Control Areas (ECAs) are sea areas in which stricter controls were established to minimize airborne emissions (SO_x, NO_x, ODS, VOC)^[1] from ships as defined by Annex VI^[2] of the 1997 MARPOL Protocol which came into effect in May 2005.^{[3][4]} Annex VI contains provisions for two sets of emission and fuel quality requirements regarding SO_x and PM, or NO_x, a global requirement and more stringent controls in special Emission Control Areas (ECA).^[5] These regulations stemmed from concerns about the contribution of the shipping industry to "local and global air pollution and environmental problems." By July 2010 a revised more stringent Annex VI was enforced with significantly tightened emissions limits

As of 2011 there were four existing ECAs include the Baltic Sea, the North Sea,^[4] the North American ECA, including most of US^[6] and Canadian coast^[5] and the US Caribbean ECA.^[5] Also other areas may be added via protocol defined in Annex VI. ECAs with nitrous oxid thresholds are denoted as Nitrogen Oxide Emission Control Areas (NECAs).

Sulphur limits for fuel in SECA^[7]

before 1 July 2010	1.50% m/m
between 1 July 2010 and 1 January 2015	1.00% m/m
after 1 January 2015	0.10% m/m

General sulphur limits in other sea areas

before 1 January 2012	4.50% m/m
between 1 January 2012 and 1 January 2020	3.50% m/m



after 1 January 2020^[note 1]

0.50% m/m

35. what are the records needed as master before proceeding to ECA?

Laboratory test report, BDN, (proper log book entries change over complete position)

36. what are the things included in bunker delivery note?

MARPOL Annex VI requires that the following information be included in the bunker delivery note provided to the receiving ship:

- Name and IMO number of receiving ship
- Port
- Date of commencement of delivery
- Name, address and telephone number of marine fuel oil supplier
- Product name(s)
- Quantity (metric tons)
- Density at 15°C (kg/m³)*
- Sulphur content (% m/m)**
- A declaration signed and certified by the fuel oil supplier's representative that the fuel oil supplied is in conformity with regulation 14(1) or (4)(a) and regulation 18(1) of this Annex.

* Fuel oil should be tested in accordance with ISO 3675 or ISO 12185

** Fuel oil should be tested in accordance with ISO 8754

There is no specific format for a bunker delivery note. Bunker suppliers may therefore use their own stationery provided that all the required information is included.

37. What are the things checked during survey?

Exhaust gas system approved by administration in accordance with NOx code.

Ship must have incinerator must have onboard IMO approved certificate.

Ship constructed after 01/01/2000 engine power more than 130kW must be constructed according to NOx code standard.

38. What are the ECA areas?

Master's Orals Examination Examiner: Capt. P.N. Senanayake

Candidate: Ishanth lakpriya wimaladasa

Date: 03.06.2015/23.06.2015

As of 2011 there were four existing ECAs include the Baltic Sea, the North Sea the North American ECA, including most of US and Canadian coast^[5] and the US Caribbean ECA.^[5]

39. Explain ISOLATED DANGOUR mark?

Colour Horizontal Black & Red stripes

Shapes Conical, Pillar, Spar

Top Marks Two black balls

Lights White, 2 quick flashes with intervals of 5 seconds

Isolated Danger Marks are used to mark small, isolated dangers with navigable water around the buoy. These buoys are typically used to mark hazards such as an underwater shoal or rock. They are coloured Black and Red.

40. what is class?

classification society are the organization that establish and apply technical standard in relation to design, construction and survey, related facilities including ships and offshore structures.

41. why class need?

It is valuable for ship brokers shippers and others parts

Resale easy, easy insurance

42. except ECA what else include MARPOL annex 6?

Energy efficiency management

42. what is that? How do it?

Need brief description about SEEMP how to manage energy with example

THANKS ALL MY LECTURES, WHO GUIDE ME THROUGHOUT CADET TO MASTER EXAMINATION LEVEL AND ALSO MY FRINDS WHO SUPPORT ME AND ENCOURAGE TO ACHIVE THIS.....

GOOD LUCK AND ALL THE BEST !!!

Master's Orals Examination Examiner: Capt. P.N. Senanayake
Candidate: Ishanth lakpriya wimaladasa
Date: 03.06.2015/23.06.2015

Master's Orals Examination Examiner: Capt. P.N. Senanayake
Candidate: K. Raveen Priyankara Perera
Date: Time: 03.06.2015 About 1 Hours



1. What are the Statutory requirements of master as per STCW ?
2. What are the STCW 2010 amendments in detail? not just summery you must know in detail all the new requirements. (Navigation discipline, Engineering discipline, Electrical discipline, rest hours, etc; in detail, go through the STCW code)
3. What are the SOLAS amendments form 2010? You must be able to explain each amendment.
4. You are in the vicinity of TRS what are your actions?
5. If you are get in to the storm centre what is your action? what is heave to? what is the best action? What are the consequences of other actions?
6. 2000 Passenger vessel on fire , no communication available you are on a 100000 bulk carrier, wind force 6/7, how you are going to do rescue operation? approach form windward side, keep the wind on bow, once come 200 m range, fire LTA and pass heaving line and connect a wire rope and pass through snatch blocks. for this arrangement can use life raft to transfer passengers?
7. What are the things you check once passengers on board? get their names, age, attend their medical facilities; etc
8. After what are your action? proceed to port of refuge.
9. What is ISM and SMS in detail? What certificates required and survey requirement?
10. What is the content in SMS?
11. How you check ISM implementation on board?
12. How you train your crew?
13. What is the Master responsibility as per SMS?
14. What is statutory certificate? who issue it? What are the checks you do in certificate? if load line certificate and condition imposed as a master how you act.
15. Recent grounding incident in New Zealand ? What are the lessons learned? If you are the Master on that situation how you act?
16. MARPOL annex vi what is the content? what are the Master responsibilities?
17. What is ECA? Why those areas selected as ECA? those are heavy industrial areas.
18. In the middle of pacific ocean E/R Crew member lost his hand while overhaul unit, what are your actions? full procedure? Rescue helicopter what is the maximum range can proceed? 200nm

There were many cross questions in between answering to above to verify that what he wants. Stick to your answer you gave when cross questioning and show up your confidence.

I would like to thanks all the lecturers & CINEC staff and all friends support me to achieve this task.

MASTERS ORAL EXAMINATION



CANDIDATE: A.R.M SHIYAM

EXAMINER : CAPT. NICK SENANAYAKKE

DATE : 24-03-2015 (13:50 – 14:45 HRS)

27-03-2015 (10:00- 10:15 HRS)

1. 3rd mate calling you and informed that hearing a sound in fwd bow, thick fog and he couldn't able to detect the target at the radar, as a Master what is your action?
2. How do you navigate in the narrow channel?
3. What is short turn in right hand fixed propeller?
4. What are the STCW requirement when taking over the new ship?
5. What the things you will check in the statutory certificate?
6. How you determine the TRS in the Northern Hemisphere?
7. You are in Mid Atlantic Ocean and receive a distress message of passenger v/l in fire 3000 passengers on it, no communication with that vessel(wind force 6) what is your action?
8. What is ballast water management? If you cannot do it before arrival port what is your action?

Lot of cross questions in own words,

I would like to thank my all lectures and batch mates and friends from CINEC who support me to achieve this goal.

Yours

A.R.M Shiyam.



Master's Orals Examination Examiner: Capt. Nandika Peris
Candidate: W.A. Kushan J. Weerasingha
Date: 19.03.2015 / 23.03.2015 Time: About 2 Hours

1. What type of vessel that you have sailed?(Having said that sail on Bulk carriers, He ask don't you have sail on Container, Car carrier, Tanker, Live Stock Criers ...etc, Then I told I have sailed on one container vessel)
2. What is Dangerous Cargo? How to identify dangerous Cargo?
3. How to segregate cargo?(Need full explanation as per IMDG Code)
4. How to segregate dangerous bulk cargo?
5. What is DG Declaration? Have you seen it?
6. What are the contents of DG Manifest? Have you seen it?
7. Effects on stability of on deck cargo?
8. What is wind heeling moment?
9. How wind heeling moment effect on GM/How effect on GM when vessel heels?
10. Where is the pivoting point when heeling?
11. What will happen if DEI happens?
12. Do you know about M.V.Erika incident?
13. What are the Marpol Annexes?
14. What is Noxious Liquid Substances?
15. Ask to explain Rule No.8? Ask meaning of ample time, Positive etc...
16. CPA-0.5/TCPA -30min, what time you get the action, Factor to consider, need to make 1nm CPA then how do you proceed?
17. What do you mean by bollard pull & how do you calculate?
18. How to decide whether your vessel can pull by other vessel?
19. How to decide whether you can pull other vessel?

20. Emergency towing book let is for what purposes? Is it for your vessel to tow or other vessel to tow?

21. Your vessel is mid sea & engine become disable, are going for salvage operation? TRS is approaching are you going for salvage operation?

22. Today is Sunday, All office staff are on leave & cant contact anybody at the office, what you will do if you want to go for salvage operation?

23. Before commenced the salvage operation under TRS situation, gave their own condition, what you will do?

24. How do you initiate for a SAR Operation (Need full answer from you received a distress signal to rescue missing person)

25. Draw & explain following engineering knowledge parts • Main engine (When drawing he ask about size of piston area & water jacket area which to be drawn as per proportionate scale/Ask from where connect the Fuel injectors & turbo charger) • Oily water separator • Boiler

26. Draw a cross section of winch showing break arrangement & then he want to ask about forces acting on that system, but he did not ask full details from me.

27. Let discuss about port operations • How cargo moving place A to B • Economical ways & Freight forwarding general idea

28. What is CIF?

29. What are the limitations of CIF terms which He means was below points? • He want to know full details about what is CIF mean with descriptions of C, I & F. • Then he want to know how insurance cover full shipment from Shippers hand to Consignees hand (Need to explain the insurance covers for before pass guard rails during loading & after passing guard rails during discharging)

30. Oky lets have a general discussion about shipping (He is expecting followings) • About Srilanka ports (Developing/Business statics of port like how much container moving per day & monthly/yearly/any incident occur • How container trade & bulk trade is moving, he need present statics weather rate is up or down.

There were many cross questions in between answering to above to verify that what he wants. Stick to your answer u gave when cross questioning and show up your confidents.

I would like to thanks all the lecturers & CINEC staff and all friends support me to achieve this task.



Master's Orals Examination

Examiner: Capt. Nandika Peris

Candidate: W.A. Kushan J. Weerasingha

Date: 19.03.2015 / 23.03.2015

Time: About 2 Hours



1. What type of vessel that you have sailed?(Having said that sail on Bulk carriers, He ask don't you have sail on Container, Car carrier, Tanker, Live Stock Carriers ...etc, Then I told I have sailed on one container vessel)
2. What is Dangerous Cargo? How to identify dangerous Cargo?
3. How to segregate cargo?(Need full explanation as per IMDG Code)
4. How to segregate dangerous bulk cargo?
5. What is DG Declaration? Have you seen it?
6. What are the contents of DG Manifest? Have you seen it?
7. Effects on stability of on deck cargo?
8. What is wind heeling moment?
9. How wind heeling moment effect on GM/How effect on GM when vessel heels?
10. Where is the pivoting point when heeling?
11. What will happen if DEI happens?
12. Do you know about M.V.Erika incident?
13. What are the Marpol Annexes?
14. What is Noxious Liquid Substances?
15. Ask to explain Rule No.8? Ask meaning of ample time, Positive etc...
16. CPA-0.5/TCPA -30min, what time you get the action, Factor to consider, need to make 1nm CPA then how do you proceed?
17. What do you mean by bollard pull & how do you calculate?
18. How to decide whether your vessel can pull by other vessel?
19. How to decide whether you can pull other vessel?
20. Emergency towing book let is for what purposes? Is it for your vessel to tow or other vessel to tow?
21. Your vessel is mid sea & engine become disable, are going for salvage operation?TRB is approaching are you going for salvage operation?
22. Today is Sunday, All office staff are on leave & cant contact anybody at the office, what you will do if you want to go for salvage operation?
23. Before commenced the salvage operation under TRB situation, gave their own condition, what you will do?
24. How do you initiate for a SAR Operation(Need full answer from you received a distress signal to rescue missing person)
25. Draw & explain following engineering knowledge parts
 - Main engine (When drawing he ask about size of piston area & water jacket area which to be drawn as per proportionate scale/Ask from where connect the Fuel injectors & turbocharger)
 - Oily water separator
 - Boiler

26. Draw a cross section of winch showing break arrangement & then he want to ask about forces acting on that system, but he did not ask full details from me.
27. Let discuss about port operations
 - How cargo moving place A to B
 - Economical ways & Freight forwarding general idea
28. What is CIF?
29. What are the limitations of CIF terms which He means was bellow points?
 - He want to know full details about what is CIF mean with discriptions of C,I & F.
 - Then he want to know how insurance cover full shipment from Shippers hand to Consignees hand(Need to explain the insurance covers for before pass guard rails during loading & after passing guard rails during discharging)
30. Oky lets have a general discussion about shipping(He is expecting followings)
 - About Srilanka ports(Developing/Business statics of port like how much container moving per day & monthly/yearly/any incident occur
 - How container trade & bulk trade is moving, he need present statics weather rate is up or down.

I would like to thank all who support & trained me throughout my carrier to reach this target. Specially I would like to thank,

- All lecturers of National Diploma in Technology, University Of Moratuwa.
- All my Nautical 12th Intake batch mates who gave me great support from my Cadet period to today.
- Ceylon Shipping Co-operation which was my 1st Cadetship Company &All officers, engineers & crew of M.V.Lanka Mahapola & M.V.Lanka Muditha.
- Navalmar Lanka (Pvt) Ltd which was my 2nd cadetship & who gave me the 2nd mate promotion & All officers, Engineers & Crew of M.V. Med Lerici, M.V. Velazquez & M.V. Windsor Castle.
- Anglo eastern ship management & UNK Sagacious (pvt) ltd which was my main company throughout the carrier to get vast knowledge & experience to become a chief officer & All officers, Engineers & Crew of all sailed vessels.
- Dockendale ship management & UNK Sagacious (pvt) ltd which I am sailing presently.
- Cinec Maritime Campus staff & lecturers, Specially for Shane Sankaranarayan who was a great person to students.
- All my batch mates of 10th Batch of Mate Class & Mater Class of Cinec Maritime Campus.
- All Masters, Chief officers & lecturers who helped me during the oral preparation & other studies.

Wish you all the best for all of future master candidates & hope this will help for your oral preparations. If any clarifications required on my questions please contact me on 0773607661/07148033926.



MASTER ORALS EXAMINATIONS (BADGE-10)

Candidate - N.A.Sarath Chandrasiri

Examiner - Capt. N.Senanayake.

Passed first attempt.-(20.03.2015---(1010 -1145 ----1405-1515)

1. After checking his my documents and CDC he asked me trading area , what kind of cargo loaded.
2. What is the statitutory requirments as per the STCW , when you taking over as a Master.
3. (he need at the beginning from the office familiarizations with DPA , Supirindent, owner briefings....)
4. What is STCW conventions and latest amendments.. 2011..
5. As per the STCW code what is the requirments of the engineers and as a chief engineer what he must be having..
6. How do you confirm TRS. (signs , positions , action)
7. What is veering and backing.
8. What is true wind and physically how do you consider.
9. You are in Cape size bulk Carrier, wind force 6-7 , how do you rescue passenger ship with 2000 passenger.. he requires in full details of explanations at the beginning.
10. How do you approach the vessel.
11. What is the suitable method for rescue the passenger.
12. What are the things you consider as a master after rescue the people.
13. Is there any injured person what shall you do.
14. What is standing orders what are the things you add and in restricted visibility / open water.
15. How many miles you keep in both/ safe distance
16. What is the difference between ISM and SMS.
17. As a Master how do you implement ISM on board.
18. What is cause of accident M/V RENA, what has implemented later on
19. Where went wrong master
20. What you suggest in future regarding incident.

When you explain you need in details you have to answer confidentially, I specially thanks for edirisinghe and cinec staff achieving the goal.





Oral Examination for Mater Class 1

Candidate: D.D.S.D.Kumara

Examiners: Capt Arsiri Hearth

Date: 09.03.2015

Examiner had a question paper which consists of about 20 -30 questions in the areas of Ship handling, Navigation for masters and Business and Law. He started from the beginning. The questions are not in the order that he asked.

- How are you going to take over the command?
- In advance you come to know in a certain port that you are going to load certain cargo. Explain the whole procedure. As a master how you are going to handle the above situation.
- Passage planning from Cape Town to New Orleans. Explain full procedure. What are the dangerous could be encountered during this voyage? What are the information you can gather form ocean passages of the world?
- Pre Departure procedure. How you are going to sail out from a port?
- What are the statutory certificates issued under the SOLAS?
- During annual class survey, in which certificates you have to get endorse?
- How a convention pass in Sri lanka?
- TRS. Avoiding action in NH, In NSC & Dangerous S.C.
- What is nairobi convention?
- Please go through the Bill of Lading. lot of questions asked from me regarding B/L.
- What is Pre paid Bill of Lading?
- What are problems with issuing a clean Bill of Lading?
- You have bunkered in Singapore. There's a discrepancy between Ship's Figure and the shore figure. In this case what you will do as a master? LOP, call P&I club.
- Procedure for evacuation of Injured crew member? Flag state Exemption procedure.
- Oil spill in US waters. What is your action. QI notification.
- ECA Area,Reporting, Log entry
- Procedure for implementation of ECDIS? Safety equipment certificate - Form E , Type specific certificate for officers including master computer base training.
- How you are going to prepare your vessel for entering in to sub zero temperature Zone.
- Marine Incident of Costa Concordia. What the lesson we can take from this incident.
- Explain in detail clearing the vessel inbound and out bound?
- How is issuing outbound clearance certificate? The Cousom.
- Who is issuing the free fratique?
- The correct procedure of crew dismissal?
- Dry dock is due in May? How you are going to prepare your vessel for dry dock? Full procedure.
- Last Question was, What ar the new developments? He expect from me new ammendments to SOLAS, MARPOL, STCW, IMDG changes

Good luck and all the best !

I will take this opportunity to thank all lectures in CINEC & all others who helped me through out to become a Master from a deck cadet.

Special thanks to all my batch mates (Deck cadet Batch 10) & Masters & Mates batch mates.

D.D.S.D.Kumara.

Masters Batch 11.



Masters' Orals
B. Bandaranayake
Examiner: Capt. Asiri Herath

1. Full procedure of take over command as Master?
2. Before departure what instructions you give for your crew and as master what are your duties and responsibilities?
3. Heavy weather out side the port, Before departure what actions you take AS MASTER?
4. TRS identifying and precautions, avoiding actions?
5. About weather routing, advantages and disadvantages?
6. No TRS indications on your wx routing but you suspect one as per your wx reports & and observations, what r ur actions as master? decisions?
7. Masters overriding authority, explain?
8. Arrival to port what r the things you check?
9. Just arr pilot station blackout. what r your actions?(CANNOT ANCHOR, still deep, lot of traffic around you including anchored vessels, anchorage close by so what you do
10. List of all certificates on board?
11. Crew members certificates? Latest
12. Officers certificates? Latest
13. Salvage situation, another vsl offers you a contract? what u do?
14. What are standard contracts? Then describe LOF?
15. Crew member sick, what you do? Whole story till exemption or dispensation.
16. Out of two one ECDIS out of order found just before dep, can you sail, ur actions?
17. Precautions while loading grain cargo?
18. About ECA. what are the areas, new amendments?
19. SOLAS amendments?
20. MARPOL amendments?

This is not all but what I remember and I'll update time to time asap. Examiner disappeared while answering the last question.



Master's Oral

Candidate: Vaghezen Jerome Thambipillai

Examiner: Capt.Nandika

1. Are you aware of STCW A-ii/2 table and content.

How you manage your crew?

2. Explain how you manoeuvre the ship (i explained all including pivoting point and movement of ship with tug) corse before sail/parrel sailing

3. Your c/o new to bulk carrier field. How you evaluate him.

4. Draw and show me Frontal depression on a wx chart?

Gave me a position Infront of frontal depression and ask wx encounter in that position?

5. Bulk carrier construction

Day 2

13.02.2015

6. Explain SAR operation? Ok now go to the examination hall and describe SAR operation. Action once you received distress signal until completion of operation.(do not refer any books or internet)

Once i am ready now close the book and explain SAR operation.

8. What is the responsibility of Flag state?

9. How you will get a dispensation? Dispensation regarding equipment? Ok now your not complying with international regulation, you have applied for the dispensation from flag. But charters are pushing you to sail before dispensation arrive. What you will do?

10. Dispensation regarding sTCW convention. How you will get? What regulation governing this? Can you sail without the Master?

11. Your all certificates are expired. But at your present port no Classification society for your ship to do the survey what will you do?

12. Preparation for dry docking as master?

13. Once dry docking completed which certificate it endorsed?

14. Content of SOLAS ch.V?

15. What is condition of Class?

16. Survey report?

Capt. Nandika is expecting from the candidate elaborate answer. And question are directly related to STCW syllabus table. Familiar with the table. What ever he ask question detail the all topic related to the syllabus.

Thanks for all. Any help at any time call me bros.

Date :03.03.2015

Name :Sandun Sri

Examiner :Cpt.Nandika



01. Past incident. If you were the master what would have you done to prevent that?

02. Quality system (ISO/SLS)

03.As a master your first departure.(Ballast) -Departure check list. -Bridge team meeting. -Pilot arrangement and instruction. -Navigational information. - Ship handling(pivot point,center of windage with ship handling,using tugs....)

04.After departure heavy weather preparation.

05.SAR operation.

06.Solas chapter v /codes in solas.(ISM,ISPS,LSA,FFA,IGC,IBC,IMSBC,IMDG....)

07. Parallel registry.

08. Statuary certificates and preparation for safety construction survey.

09.ISM rewiving procedure.

10.BL(function,type of BLs,anty dated BL,LOI,LOP,clauses on BL(paramount,both to both blame,himalaya....)

I gave elaborated answers and all answers according to ISM and STCW A ii/2 sylubus.Finally Cpt.Nandika gave me very useful instruction to be a good master....Tnx sir...

Master's Orals Examination 09.02.2015

Examiner :Capt Sunil Jayaweera

Candidate: U.S.A. Fernando



1. How do you prepare your cargo holds for loading wood pulp
2. How do you load steel coils and what are the precautions you are taking
3. How do you carry out ventilation with de-humidifier system and if it is not working how you carry out the ventilation
4. Scavenge fire, how it can happen full procedure of tackling a scavenge fire
5. C/E wants to stop the engine, v/l in congested waters, what is your action
6. In above case you are going to anchor, full procedure
7. How do you handle emergency situations onboard
8. How do you plan your daily work
9. How you assess your crew
10. A V/L in collision course and she is not taking any action what are you going to do (action by stand on v/l)
11. What are the distress signals
12. What is IMO, motto of IMO and its function
13. What is port state/(flag state) and its function
14. Why are the things you taking over on bridge as master
15. What are the things you can find in wheel house poster
16. What are the factors governing the diameter of turning circle
17. **What will happen** to the GM after Deck Edge immerse and draw the movement of meta center
18. What are the things you can find on a weather chart
19. What is Tornado and TRS and the difference between them
20. What are the certificates you check when a new crew member joined your v/l
21. Conventions CLC, Ballast water, Antifouling

22. What is harmonized system survey
23. What is damage stability and damage stability booklet



Master's Orals Examination 06.02.2015

Examiner :Capt Sunil Jayaweera

Candidate:B.L.M.Cyril Santha

1. what is ships routing services and are you thrust it?
I will thrust 50%,even though they provide weather information I will continue monitor the wx, as we are facing real situation at sea as a master I decide the route,
2. 3rd off calls you at night and he drop the phone,what will you do?
3. What do you do if you hear the fog signal
Check the radar and see which scales you are monitoring,reduce speed for asses the situation...(to be explain rule no 19e)
4. What is the fog signal for aground v/l
5. Short turn
6. You are arriving in port at English channel,how do you prepare for it?
I explain BTM,Cold weather preccations,then he ask who will participate in the BTM,(Master,All deck officers,duty AB'S and C/E),Then he ask why do you call C/E (It is a company procedure and he can get rough adea the what will be situation in the bridge during pilotage),then he ask what are the point you discuss during meeting(master calling point,one hour notice,abort point,contingency anchorage,POG,position where the anchor free of lashing ...etc)
7. What are factors you consider choosing anchorage and scope?
8. You are receiving loading instructions from the shipper,that will be more or less 10% accurate and how do you proceed for that what instruction you will give to c/o as master?
9. What are the information include in shipper's declarations
10. You are newly join the v/l and leaving the port after 3 days,Taking over procedure
11. How do you plan the ballast voyage
Consider ballast exchange and stability during all stages
12. What are the statutory certificates
13. What are document you check regarding ISPS
SSP,Ship security assessment,ISPS certificate,CSR including Form 1,2,3
14. How far do you think to pass from TRS-300-400 nm
15. How do you find which semicircle you are in
16. Funtion of B/L,What are the things include in B/L
17. Shipper prepare a B/L as per shore belt figure,during your draft survey found huge difference due to bad weather,what will you do?
Prepare NOP, inform owners, chaterers, forward copy of NOP
18. Angle of loll and correcting procedure
19. What will happen GM after Deck Edge immerse and draw the movement of meta center
20. How do you find GM using rolling period
21. How do you handle emergency situation



22. What will you do if you are aground
23. How do you refloat it
Calculate damage stability before refloat
24. What is intact stability
25. CLC,SUA,UNCLOS,FOC,Anti fouling convention
26. Flag state ,port state
27. What is innocent passage
28. C/E is not cooperating with you ,what will you do
29. Write and show me the statement that you are going to make in the official log book regarding C/E
30. Superintendent is not supporting for engine repair ,not giving spares.waht you will do.

THANKS ALL MY LECTURES,WHO GUIDE ME THROUGHOUT CADET TO MASTER EXAMINATION LEVEL AND ALSO MY FRINDS WHO SUPPORT ME AND ENCOURAGE TO ACHIVE THIS.....

GOOD LUCK AND ALL THE BEST !!!



Candidate : R.A.S.D Ranasinghe
Date : 26.01.2015
Time : 1130 to 1200 hrs and 1400 hrs to 1600
Examiner : Capt P.N Senanayake.

- 1.) You are a master of new V/L how do you going to take over the command ?
- 2.) What are the statutory certificate on board?
- 3) What is the most important point when you are checking the certificate?
(Answer -Any condition imposed to the certificate)
- 4) What is ISM and SMS ? AND What is the difference between them?
- 5) How do you implement ISM onboard practically?
- 6) what is masters statutory requirement as per STCW code ?
- 7) What is rolling period?
- 8) How do you get the GM from rolling period?
- 9) From where do you get the k?
- 10) What is tender and stiff ship ?
- 11) What are the hazards of tender and stiff ship ? hazardues explain
- 12) Your V/l receive TRS in northern hemisphere what is your action ?
- 13) What is Buys ballast low ? Explain how you apply it?
- 14) What are the certificates issued under ISM ?
- 15) DOC is issued to whom and what is the procedure?
- 16) You are in mid north atlantic and receive a distress massage of passenger V/L in fire 3000 passengers on it. no communication with that vessel
(Wind force 6) what is your action?
- 17) As a master how do you instruct your juniors to write the deck log book?
- 18) What is masters statutory requirement as per ISM (Before joining)?
- 19) Your v/l about to take the pilot and suddenly got the massage ' go to Anchor ' how do you going to anchor in unfamiliar port ?
- 20) what are factors to decide the scope of the cable?
- 21) mersec level s-how to find-how increases- srilanka mersec level
- 22) Conventions
 - Anti-fouling convention
 - Ballast water convention
 - CLC Bunker convention



Mahesh – Capt.Senanayake

1. What are the statutory requirements of master before taking over command as per ISM (Before Joining?)
2. What are the statutory requirements of master as per stcw (this I didn't give answer?)
3. How to anchor in an unfamiliar port....
4. What are the factors governing scope of anchor-4 to6
5. What are the things you will do before arriving to port?
6. North hemisphere TRS no electronic aids.... How you find the position of TRS (Don't mention about heaving to wind..... just tell I will face the true wind and TRS on my right hand side)
7. How to find true wind (tell from looking at sea waves)
8. 3000 passenger ship on fire....got a distress message you are on a bulk carrier.
9. What will happen in a narrow channel when 2 vessels approach?
10. What is squat?
11. What is difference between ISM and SMS?
12. How you prepare vessel for ISM audit
13. What are the types of audit
14. What are the statutory certificates under ism.....?
15. (Again asked to find as per STCW what are Masters statutory requirements before joining. And ask me to find.....Not certificates or experience)
Lots of cross questions from my own wards.... Such as ...
Anemometer
From Captain nick: Ohhh Fancy word what is that
From me: used to find wind direction and force
From Captain nick: how does it give true wind
From me: it gives apparent / relative wind by wind triangle I will calculate true wind
From Captain nick: what is apparent wind/ what is wind triangle.
Soo on soo on.....

Master's Orals Examination 06.02.2015
Examiner :Capt Sunil Jayaweera

Candidate: B.L.M.Cyril Santha



1. what is ships routing services and are you thrust it?
I will thrust 50%, even though they provide weather information I will continue monitor the wx, as we are facing real situation at sea as a master I decide the route,
2. 3rd off calls you at night and he drop the phone, what will you do?
3. What do you do if you hear the fog signal
Check the radar and see which scales you are monitoring, reduce speed for asses the situation... (to be explain rule no 19e)
4. What is the fog signal for aground v/l
5. Short turn
6. You are arriving in port at English channel, how do you prepare for it?
I explain BTM, Cold weather precatons, then he ask who will participate in the BTM, (Master, All deck officers, duty AB'S and C/E), Then he ask why do you call C/E (It is a company procedure and he can get rough adea the what will be situation in the bridge during pilotage), then he ask what are the point you discuss during meeting (master calling point, one hour notice, abort point, contingency anchorage, POG, position where the anchor free of lashing ...etc)
7. What are factors you consider choosing anchorage and scope?
8. You are receiving loading instructions from the shipper, that will be more or less 10% accurate and how do you proceed for that what instruction you will give to c/o as master?
9. What are the information include in shipper's declarations
10. You are newly join the v/l and leaving the port after 3 days, Taking over procedure
11. How do you plan the ballast voyage
Consider ballast exchange and stability during all stages
12. What are the statutory certificates
13. What are document you check regarding ISPS
SSP, Ship security assessment, ISPS certificate, CSR including Form 1, 2, 3
14. How far do you think to pass from TRS-300-400 nm
15. How do you find which semicircle you are in
16. Funtion of B/L, What are the things include in B/L
17. Shipper prepare a B/L as per shore belt figure, during your draft survey found huge difference due to bad weather, what will you do?
18. Angle of loll and correcting procedure
19. What will happen GM after Deck Edge immerse and draw the movement of meta center
20. How do you find GM using rolling period
21. How do you handle emergency situation
22. What will you do if you are aground
23. How do you refloat it



Calculate damage stability before refloat

24. What is intact stability
25. CLC,SUA,UNCLOS,FOC,Anti fouling convention
26. Flag state ,port state
27. What is innocent passage
28. C/E is not cooperating with you ,what will you do
29. Write and show me the statement that you are going to make in the official log book regarding C/E
30. How do you coordinate daily work with c/o
31. Your superintend not supporting for engine repair what will you do ?

Ans-ask from C/E to prepare letter showing important of the repair and consequences of that fault. Forward this msg to DPA and get top management notice it. Sometimes super facing difficulty with his v/l budget.

THANKS ALL MY LECTURES,WHO GUIDE ME THROUGHOUT CADET TO MASTER EXAMINATION LEVEL AND ALSO MY FRINDS WHO SUPPORT ME AND ENCOURAGE TO ACHIVE THIS.....

GOOD LUCK AND ALL THE BEST !!!

MASTER ORALS

Examiner: Capt. NandikaPeris

Candidate: A.F. RoshanFerando

15/09/2014.And 17/09/2014.

1. What are the master's responsibilities
2. How you take over the command as master
3. What are the instructions you include in your master's standing order
4. What are the instructions you include in the master's night order
5. What is the difference between master's standing order and night orders
6. When your duty officer can call you on bridge
7. When your duty officer call you on bridge in restricted visibility what is your actions
8. What is restricted visibility
9. Explain rule number 19
10. When you hear a fog signal fwd of your vessel what is your action
11. How do you know the vessel is coming toward you are going away from you
12. What is the action when you see a vessel head of you
13. A vessel 3nm on your port bow on collision course what is your action
14. What is the sound signal underway
15. What is P&I club
16. What type of claim can get from P&I club
17. What is salvage agreement,
18. How to agree on salvage terms
19. What is voyage charter
20. Difference between voyage charter, time charter, barebord charter. – in detail
21. When a charterer needs a vessel, on what basics he select the charter – time charter or voyage charter. (if he wants to carry a cargo A to B , what kind of charter, how he decides)
22. What you check before you sign the B/L
23. What are the terms written on back side of the B/L
24. What are the carriage governing rules
25. Which rule gives more advantage to carrier
26. Difference between Hague visby rule, Humburg rule, Rotterdam rules.
27. What is angle of LOL, how it happens
28. Angle of LOL correcting procedure-
29. What is the reason for correcting lower sidefirst , when correcting angle of LOL.
30. When free surface effect presents , what will happen to ship's KG
31. When collision what is master's duty.
32. What is damage stability

33. What is the Panama canal width? From where you get this information
34. What is MLC2006, explain
35. What are the latest SOLAS amendments.
36. What are the latest MARPOL amendments
37. What is work load management in STCW2010'
38. What kind of leadership quality master should have
39. Onboard what are the instrument available to predict weather
40. What are the indications of TRS
41. If pressure drops when TRS approach, from where you get the normal pressure information for that area.
42. How you assess the TRS from your present position
43. Avoiding actions when you are in TRS – dangerous semi circle.
44. What is UNCLOS
45. What are the flag state, port state, coastal state responsibilities under UNCLOS.... In very detail
46. What are the emergencies how you prepare for that
47. How you make a whilihamsen turn
48. What are the latest maritime accidents
49. MV Sewol , what is the reason for the accident.
50. What is CO2 welding
51. What are the vulnerable areas in bulk carrier to develop cracks.
52. What is ESP
53. How to insert a welding plate on shell, deck, tank top, hatch cover.... Examiner expecting the welding jobs in details,, he gives us the sketch and wants to insert the plate,,,
54. What are the certificate , a deck crew member should carry as per STCW2010
55. How you as a master implementing the ISM onboard.
56. What are the entries to be made on OLB (official log book)
57. What is CLC convention certificate
58. What is bunker convention certificate
59. What is maritime lien
60. What is Arbitration
61. What are the advantages of arbitration
62. Where master's overriding authorities mentioned
63. The contents of SOLAS chapter 5.



I thank all the friends and CINEC lectures who helped me to achieve this task

A.F. Roshan Fernando

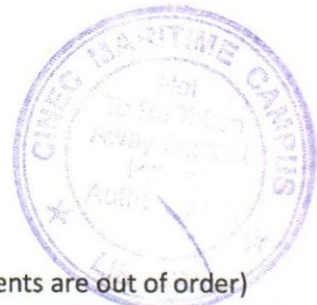
Oral Examination for Master class 1

Date: 4/9/2014 – (1445-1600)hrs
5/9/2014 – (1830-1850)hrs
11/9/2014 –(1600-1630)hrs

Candidate: Harsha Jayaweera

Examiner: Capt. Sunil Jayaweera

- 1) What types of cargo did you carry in last ship, in which regions? Steel pipes, coils, Machineries.....
- 2) How did you load steel pipes? Dunnages bottom & sides, lash with steel wires
- 3) What is the purpose of dunnage?
- 4) What is ship sweat and cargo sweat? How & when do you carry out ventilation?
- 5) What is your worst experience in your sea carrier? Going close to TRS
- 6) Draw & show barograph reading of a passing TRS?
- 7) How far do you think safe to pass TRS? 500NM
- 8) Explain conditions in Outer storm area, eye wall & eye?
- 9) How do you know the distance of the eye of TRS?(All electronic equipments are out of order)
5mb drop of pressure from the mean pressure for that area, storm centre lies 200 to 250 miles
- 10) How do you identify which semi-circle you lie, without observing veering and backing?
Use the Buys Ballots law, get 2-3 bearings in specific time intervals & plot the track and path
- 11) What is CLC, SUA, BNWAS, Motion sensors?
- 12) Explain restricted visibility? (Rule 3) Your 3/Off call you and tell that visibility is 5' & reducing, what is your action? Master to instruct 3/off to call Eng room & get controls, prepare as per checklist while master arrives on bridge.
- 13) Middle of the night 2/ off calls you saying he hears a fog horn fwd of the vessel and can not be detected by the Radar as well? What is your action? Need to explain Radar limitations and rule no 19.
- 14) Your vessel arriving port , heavy seas pilot asking that he would board the vessel if the vessel comes Near break water. What do you do? Need to talk about abort point, contingency plans, importance Of safety than commercial factors.....
- 15) What is Energy Efficiency management? (I was asked to do an assignment on this)



- 16) You arrive port to pick up pilot, 15' to PBG. What do you do? Start with key meeting, contingency plans, Risk assessments, Arrival check list,.....
- 17) What is Running moor, Standing moor, Open moor? How do you do?
- 18) By mistake fwd crew drop the second anchor at the same place as the first one. What do you do to avoid fouling anchors?
- 19) Explain bow cushion and Bank suction? What do you do to reduce the effect of bow cushion? Hard Over to opposite side.
- 20) What is angle of Loll? How to correct? Why do you follow that order? How do you know the Vessel is at angle of Loll? Oscillates on the listed position
- 21) You receive distress alert from a ship 20' away. What do you do? (Full Procedure)
- 22) What is BOL? Explain characteristics?
- 23) At the dish. Port agent ask you to discharge cargo without presenting original BOL. What is your action?
- 24) You receive a msg. saying heavy weather is ahead of you. What instructions will you give to your Ch. Off, ch. Eng?
- 25) You arriving port 1' to the break water, pilot on board, ch eng. Inform stern movemet is not working.
What do you do?

I would like to take this opportunity to thank all the lecturers, friends who supported me throughout this venture. The special thanks go to class mates at Master class bath 09.

Thank You!



Master's Oral Examination

Candidate: B.D.S.Perera

Examiner: Capt. NandikaPeiris.

Date: 01. 09.2014

1. WHAT ARE THE PRECAUTIONS YOU TAKE WHEN YOU APPROACH A PORT WITH A LARGE TIDAL VARIATION?
2. HOW YOU FAMILIARISE YOUR NEWLY JOIN JUNIOR OFFICER PRIOR DEPARTURE TO OPERATE ECDIS.
3. WHAT STANDING INSTRUCTIONS YOU INCLUDE REGARDING USE OF ECDIS.
4. HOW YOU TAKE OVER ECDIS WHEN HANDING OVER THE WATCH.
5. WHAT ARE STATUTORY CERTIFICATES & STATUTORY DOCUMENTS?
6. UPON TAKING OVER AS MASTER WHAT ARE YOUR IMMEDIATE ACTIONS.
7. HOW YOU PREPARE YOUR VESSEL FOR DEPARTURE/TAKING THE VESSEL OUT/PILOT INCAPABLE AFTER CAST OFF /CONTINGENCY PLANS.
8. LOADLINE CONVENTION WHY IT CAME WHAT ARE THE CONTENTS.YOU ARE LOADING IN A UPRIVER(FRESH WATER) 5 DAY PASSAGE INLAND.UPTO WHICH LOAD LINE MARK YOU LOAD CAN YOU SUBMERGE YOUR LOADLINES AT LOAD PORT.
9. MARPOL ANNEXES WHAT IS THE CONNECTION BETWEEN ANNEX 3 AND IMDG CODE.
10. WHAT ARE THE DIFFERENT CERTIFICATES CARRIED BY TANKER THAN A CARGO VESSEL.
11. WHAT ARE THE AMMENDMENTS TO STCW CODE(MANILA AMMENDMENTS 2010).
12. BRM AND HOW YOU MANAGE RESOURCES ON BRIDGE.
13. HOW YOU TRAIN YOUR CREW FOR EMERGENCY.
14. PROCEEDING IN A RIVER ,NARROW CHANNEL WHAT ARE THE PRECATIONS YOU TAKE.
15. YOUR DUTY OFFICER REPORT ANCHOR IS DRAGGING WHAT IS YOUR ACTION.
16. WHAT IS WEATHER ROUTING.WHAT IF THE ROUTE RECCOMENDED IS DANGEROUS,YOUR ACTION.
17. TRS HOW TO FIND THE LOW PRSSURE ,AVOIDING ACTION.
18. CREW MEMBER REPORTS HAVING SEVERE ABDOMINAL PAIN WHAT IS YOUR ACTION.
19. HOW TO DIFFERENTIATE HERNIA/APPENIDICITIS.CAUSES ,SYMPTOMS.
20. EBOLA HOW IT SPREAD WHICH COUNTRIES.
21. WHAT ARE LEADER SHIP AND MANAGERIAL SKILLS IN STCW 2010.
22. WHAT IS MULTI TASKING/HOW YOU DEVELOP THE QUALITY.
23. COSTA CONCORDIA HOW DID THEY REFLOAT IT.
24. BOLLARD PULL OF TUGS/BOLLARD PULL CALCULATION FORMULA FOR SHIP.
25. WHAT IS POWER TO DISPLCEMENT RATIO OF A SHIP.WAHT IT INDICATES.
26. SOLAS CHAPTER 5 IN DETAIL.

GOOD LUCK AND ALL THE BEST!

I will take this opportunity to thank, All the lecturers and friends who helped me to achive this task

Thanks.

B.D.S.Perera



Master's Orals

JagathAtapattu

11.08.2014

Examiner: Capt. Nick Senanayaka

1. STCW 2010 amendments. Better be well prepared including requirements for Engineers.
2. About Athens convention.
3. About the convention for immigrants. (I didn't know)
4. You receive a message about a passenger ship on fire in the middle of the Atlantic. What do you do?
5. Dangers involved with bulk carriers. (Loading, discharging, at sea)
6. Dangers involved with bulk carriers. (Inspections)
7. Dangers involved with bulk carriers. (Ballast voyage including ice precautions)
8. Ballast water management.
9. ISM and its implementation.
10. TRS, Bay of Bengal. (Full details)
11. Dry docking. (Preparation, standard items etc.)
12. Masters taking over procedure. (He mentioned STCW procedure)
13. Sewol disaster and similarities with Herald of free enterprise.



I thank all those guys who had written down their orals question and had lodged them with cinec. Specially those who had taken the time to write the answers. I will not write answers since they are the same as those written before me. If clarification is required my mobile number is 0718682954.

I also thank the lecturers at cinec. Specially Mr. Shane.

Masters Orals.

Candidate: T.Adrian.

Examiner: Capt. Nandika Peiris

11th and 14th March 2014.

1. How do you brief bridge team before departure?
2. How do you take over duties as a master?
3. Oil spill during oil transfer, actions.
4. From where addresses are obtained? How frequently updated?
5. What are the responsibilities of a Master?
6. Why do ships use ISM and how effectively is it implemented?
7. You are in restricted waters, how are you going to maneuver?
8. What is shallow water and related effects?
9. What are the IMO amendments for 2014?
10. How is ISPS duties carried out? And the documents involved?
11. Master is informed by oow that collision imminent, 2 minutes more. You report to the bridge and what would be your action and what would be your first question from the oow?
12. Rule 19 actions? How will you identify whether a vessel right ahead is going ahead or approaching?
14.03.2014.
13. Rule 19 actions? Practical maneuverings/ various situations.
14. Narrow channel – actions.
15. What is deviation clause?
16. What is the latest amendment to salvage laws?
17. What are the documents you need when loading grain?
18. Why a small trim is kept while dry docking?
19. What the instructions you would give for drydocking?
20. What are the certificates to be carried by ship's crew?



3

Class - I Master

CANDIDATE : M.M.A.B.MARASINGHE

EXAMINER : CAPT. NANDIKA PEIRIS.

DATE : 28.02.2014

1. How do you take over a vessel as the master

2. What are the documents to be carried on board. (He expected all the certificates & codes required by various conventions.

3. What are the items to be checked during each survey. Load line, safety equipment, safety radio, safety construction.

4. What is your responsibility as the master on board. *seaworthiness mini expense/time owner/charter interest*

5. What authority master has on board. Where is it mentioned.

6. What actions you take during grounding situation.

*STCW Ch 8
Standing order.*

7. How do you do damage control

8. What is probabilistic & deterministic approach of damage control.

9. You expect heavy weather 6 hrs after departure. What is your action.

10. What instructions you give to your fellow officers.

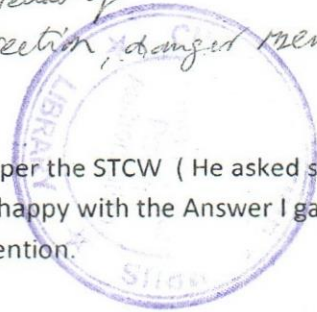
11. Charter is forcing you to maintain your ETA to next port. What is your position in this regard. (Masters responsibility regarding the safety of the vessel cargo & its crew, overriding authority, justifiable deviation.)

12. Under which convention CDC is coming

13. What are the contents of SOLAS CH V - *safety of navigation carriage requirement of master's discretion, danger messages*

14. Can AIS be used as a navigation aid.

15. Certificate requirements of Master. 2/Off, AB, OS, Cook as per the STCW (He asked separately for tankers, cargo ship, passenger). The examiner was not 100% happy with the answer I gave. Better to have a clear picture of certificate requirements under each convention.



ORAL EXAMINATION FOR MASTER CLASS -1

CANDIDATE : U. S. KURUPPU ARACHCHI

EXAMINER : CAPT. NANDIKA PEIRIS.

DATE : 04.03.2014



Q1. How do you find the present day shipping compare to the fifteen twenty years back and how it will be in future. (Practical answer has to be given with regards to “manning level, crew qualification and improvement on ships design like Triple E class vessel)?

Q2. In which way do you think that modern technology will effect for the human job prospects in the marine industry?

Q3. How do you take over the command of the vessel as the Master?

Q4. What are the certificates to be carried on board, (He expected their convention, validity period & verification procedures)?

Q5. How do you prepare the standing order? What are the factors taking in to account?

Q6. What are the instructions you give to your officers prior to departure port?

Q7. What is your responsibility as a Master?

Q8. When Master has the overriding authority and where it is mentioned?

Q9. What is your ^{role} ~~role~~ as a Master when you manoeuvring with pilot on board (out bound)?

Q10. When do you hand over the command to your duty officer?

Q11. What are the manoeuvring characteristics?

Q12. What is shallow water effect?

Q13. What are the statutory duties after collision?

Q14. What is subrogation in marine insurance. Barratry, Sue & labor clause?

Q15. What are the latest amendments for year 2014?

Q16. Anchoring procedure?

Q17. You received a distress alert & what is your action?

Q18. What are the factors you taking in to account prior to conduct rescue operation?

Q19. What are the search patterns and how you decide which is most effective?

Q20. What is justifiable deviation?

Q21. You got two new crew members (2/O, AB) joining in the present port. What are the documents they should have with them as per the STCW2010 requirement?

Q22. What are the documents you suppose to have as a Master going on tanker (as per STCW 2010 req.)?

I TAKE THIS OPPORTUNITY TO THANK ALL THE LECTURES WHO GUIDED ME THROUGHOUT from CREW to MASTER. ALSO THE FRIENDS WHO SUPPORT ME TO ACHIEVE THIS TASK.

U.S. KuruppuArachchi

Oral Examination for Master Class 1

Date:09.05.2014 Duration about 3 Hrs

Candidate:K.D.A.Anuruddhika

Examiner: Capt. Asiri Herath

Examiner had a question paper which consists of about 30-40 questions in the areas of ship handling & manoeuvring, Navigation, Business & Law, Stability, Meteorology and ROR. He started from the beginning. The questions are not in the order that he asked.

- 1) How do you take over command as master? (Explain full procedure in detail; Start from the office briefing)
- 2) List of certificates, V/L Should carry on board (Statutory certificates & also non statutory certificates)
- 3) Which certificate, as master you know that the V/L's crew are qualified & sufficient for the V/L trading? (Safe Manning document issued by the flag state administration.)
- 4) You are on arrival to a port; What are the things You as Master check on the passage plan?
- 5) Shallow water effects? & indications, Ship's squat, interaction, bank cushion, ship's behavior,
- 6) Berthing; the use of tugs, tugs effect
- 7) You are about to departure; what instruction, as master gives to your bridge team?
- 8) Departure pilot on board, Moorings cast off still tugs not cast off. Observed that pilot is out of order; endangering the V/L, as Master, What are you going to do?
- 9) Heavy weather precautions/ How do you sail out the V/L as Master from departure port?
- 10) Restricted visibility; What is your role as Master? (Restricted visibility procedures)
- 11) At port; When loading you (as master) observed the V/L is listing. How do you identify that the V/L is at angle of loll by only observing? (at angle of loll V/L oscillates around it)
- 12) You are about to enter the ECA (emission control area) but your heavy fuel oil sulphur content is more (as per the laboratory test) Can you enter the ECA or not? What action as Master & legality? What are the ECA of the world? You can enter the ECA. BDN (bunker delivery note is the legal document. Refer MARPOL annex 1 regulation 18 (Fuel oil quality)
- 13) Oil spill; As Master only the reporting procedure to whom you must inform at first?
- 14) On your passage experiencing heavy weather, as master what is your action for cargo? (He expects legal action; Note of protest)
- 15) Why you preparing a note of protest?
(Things beyond master's control)
- 16) Bill of lading; there is difference between the B/L cargo quantity & the ^{master's} receipt quantity.
What action as Master?
To whom you inform first?
- 17) What is P&I club? (Briefly describe & Who benefits)
- 18) ISM; What is NCR? Who can issue NCR on board?
How you close a NCR? Validity period of a NCR?
- 19) What are the New amendments; SOLAS, MARPOL, & Loadline conventions effect from 1st January 2014.
- 20) To obtain the MLC certificate for your V/L, What are the 3 documents you should have on board?
 - DMLC (declaration of maritime labour convention) part I (ship owner)
 - DMLC part II (ship)
 - Document of compliance

21) TRS in the vicinity; Avoiding action?

22) What do you know about weather routing? What are the benefits for the ship?

23) Latest maritime accident; MV. Sewol south Korean Ro-Ro Passenger ship. Describe about the accident.

24) ECDIS; for your V/L is going to install new ECDIS, What is your responsibility as master?

(He expects not the technical aspects & requirements. Legal requirements; Safety equipment certificate must be amended; Form E to be inserted with ECDIS equipments.)

25) Your V/L is equipped with ECDIS & also backup is ECDIS. Prior to departure ECDIS malfunctioned. Can you sail out and how?

26) What is your common practice as master for navigation facing the above situation during your passage?

(scanned paper charts by email attachments)

27) What do you know about Electronic log book? Your view on advantages & disadvantages

Note: It is very important to know the latest amendments (at least one year) in detail; conventions such as SOLAS, MARPOL, STCW & LOADLINE. And also update with latest maritime accidents & new technology methods, procedures and equipments to be introduced with maritime industry. Thorough with master's statutory responsibilities & authority. When you answer do it with the confidence and stick to your answer during cross questions.

Thank you very much for all my lecturers, who guided me through out from deck cadet to Masters examination. And also the friends who support me in various ways to achieve this task.

Good luck & all the best!

You are at sea and going to enter ECA area. What is your action.
(You can enter with BDN)

46. While bunkering in USA, offload and overboard

what is your action

47. To whom report and within how many hours you have to report.

48. When you sail you see ice burgs. What is your action.

49. What is danger involving ICE burgs
50. your vessel is ICE class vessel. How you navigate in ICE areas. How plan the passage

51. What is DMLC part 1 & part 2
52. What is statement of complience

under MLC.

53. Hold no.2 start flooding. what is your action:

Exam :- Master Oral Examination

Candidate :- T. M. P. N. Thennakoon

Date :- 17.02.2014

Examiner :- Capt. Asiri Herath

1. What are the certificates carrying onboard
(He didnt mentioned statutory certificates. pls include insurance, class, Suez, Panama certificates also).
2. What is a convention
3. What is a protocol
4. How convention come in to force
5. How do you take over command as master
6. Master's responsibility. (Include owner interest)
7. Master's overriding authority.
8. Where it is mentioned.
9. How you impliment ISM onboard.
10. How you observe ISM impliment. (Explain full procedure with examples)
11. How prepare the vessel for ISM internal audit.
12. How you prepare vessel for Annual class survey.



13. What is different between above 11 & 12
14. Which certificates are applicable annual survey.
15. What is general average
16. Examples for G. Average
17. What is particular average
18. Examples
19. What is P & I club
20. What are the coverage under P & I
21. What is H & M insurance
22. What are the coverage under H & Machinery insurance
23. What is BL
24. What things u check before signing BL
25. What is clean Bill
26. IF cargo figure different with BL and mate's receipt, what is your action.
27. Charter ask discharge cargo without OBL. What is your action
28. How vessel prepare for berthing after long sea passage
29. What are the port papers for arrival
30. What is FAL convention.



31. What is SUA convention
32. What action you take, when you observe a person (out side person) act violence against ship crew.
33. How u prioritize Safety & Security.
34. All time safety coming first? or not?
35. How you implement ISPS onboard.
36. What is mean by salvage
37. What contract applicable for salvage
38. What is LOF 2011, Explain
39. You are in cargo ship. How you go for salvage operation
40. You suspect TRS is there. Explain full procedure.
41. What is mean by warranty
42. What are the changes in new STCW code
43. What are the certificate required for sailing as 2nd officer
44. What are the new amendments for convention, which inforce 01.01.2014
45. You bunkered LIFO. But bunker sample laboratory report showing it is HSFO.

class I

Exam : Masters Orals
Date : 10th Feb 2014
Candidate : P.A.O.M.S.Palihawadana.
Examiner : Capt. Nandika Peiris.

1. Statutory certificates and conventions.
2. What is convention?
3. What is a recommendation?
4. Certificates under ISM?
5. Emergency preparedness practicing among the crew ... steps?
6. Contingency plan review??
7. How you implement ISM on board?
8. What are the master's responsibilities?
9. Container ship having large openings / strengthening procedure/ construction?
10. BRM roots?
11. Arbitration came from which clause??
12. Stability problem during port for container ships?
13. How do you overcome such problems ??
14. Shallow water effect?
15. Bank cushioning & how you know it is happening, actions to avoid it??
16. Pivot point when moving fwd, aft, stop, when pushing tugs??
17. How you know the tugs can be pulled out a big container ship from berth with 20 kts wind from the sea???
18. How to find power of tugs?
19. What are the things to be concenter before proceeding to a distress call in VHF range?
20. What are the things to be concenter before proceeding to a distress call in MF/HF range?
21. Full procedure of assisting for a vessel in distress cargo/ passengers?
22. How do you rescue persons without putting your crew in anger?
23. Injured person on board what is the action??



24. Statutory duties after collision?
25. What is present trend/ happening in shipping???
26. What are the latest M notices in Sri Lanka ??
27. What are the maneuvering characteristics & difference between "Emma Maersk class V/L and C class vessel?
28. What are the advantages & disadvantages between "Emma Maersk class V/L and C class vessel?
29. Large vessels in market will affect the small feeder ships ??
30. What are the benefits on new building large ships ??
31. Masters over riding authority & where it mentioned?
32. Port of refuge.
33. International tonnage certificate issuing procedure??
34. How you dismiss a person?
35. What are the log entries to be made?
36. Charter ask you to give clean bill, mate says there are some disputes, you can't contact owners, what you will do, explain..
37. Hague, Hague Visby, Hamburg, Rotterdam rules??
38. What are the latest amendments to the SOLAS?
39. What is the latest amendment to Load line??
40. What are the certificates Master should carry on board when he is joining a ship???
41. What are the crew documents you have to check on board as per STCW??



Master's Oral Examination

Candidate: Nazeem Mohamed Irfan.

Examiner: Capt. Nadika Peries.

Date: 07. 05.2014.

The Examiner went through my CDC and questioned me about my last vessel. My last vessel was a PCTC hence all the ship handling questions were based on car carriers.

1. What are the maneuvering characteristics of a car carrier?
2. How do you enter the buoyed channel where a shallow patch is on port side of the entrance and the wind is blowing on your starboard quarter?

-
-
-



3. While you are in the buoyed channel how do you determine by visual that you are drifting, without using any bridge equipment?
4. What are the contingency plans before arrive no return boundary line?
5. What are the occasions that you can override pilot decision?
6. How do you prepare your bridge team for maneuvering?
7. How do you prepare night order and what are the factors you include for arriving?
8. How do you berth and unberth the car carrier without using tug?
9. How do you use tugs for maneuvering, berthing and unberthing?
10. What are the things that you expect from chief officer after completed loading?
11. What are the normal GM in Car carriers when loaded and ballast? (Loaded~2.5m, Ballast~ 4m)
12. How do you reduce the GM to make the ship tender?

13. When you are at sea how do you avoid bad weather?
14. How do you prepare the bridge for PSC inspection?
15. What are the things that you expect from Chief engineer to be prepare for PSC inspection?
16. What are the annexes of Marpol that chief engineer should take concern?
17. What are the rest of the Marpol annexes?
18. Master's obligatory reporting where is it mention?
19. Master's overriding authority where is it mention?
20. Why masters and chief officer need to do Medical care course?
21. How o you enter the TSS?
22. How do you avoid the TSS and What are the thing that you avoid in TSS?
23. How do you proceed in narrow channel?
24. In restricted visibility what are the precaution that you will take and what are the action that you will take when you detect few targets in RADAR?
25. What was the latest marine accident? (Ro-Ro Ferry " Sewol" Disaster)
For what reasons that master found guilty?

There were so many cross question in between.

GOOD LUCK AND ALL THE BEST!



11.03.2014

MASTER ORAL

Examiner : Capt. Nandika Peiris

Candidate : P.R.R.Jayasundara

- 1)What is BRM & how do you use it on board ?
- 2)What authority & responsibility the master have on board?
- 3)You heard a distress signal. What is your action?
- 4)Master's role regarding food & fresh water supply on board?
- 5)What is the responsibility of a flag state under UNCLOS?
- 6)What are the instructions that you give to officers before departure?
- 7)What are the standing and night orders that you give?
- 8)Explain the maneuvering characteristics of a ship?
- 9)How do you prepare your vessel for anchoring?
- 10)How are you going to implement ISPS on board?
- 11)What are the shallow water effects?
- 12)What are the precautions to be taken while handling tug (Crew safety)?
- 13)What are the latest SOLAS amendments to come ?
- 14)You received the following message from charterer. What does it mean & what is your action?

5000mts 10% moloo +/-50 mts in chopt of blk mop stw abt 1m3/mt wog

1 sb at st.petersburg/ 1 sb at bayonne

laycan : 12-15/feb 2014

load rate : 2000mt pwwd sshinc

disch rate: 2000mt sshex uu fri 17-mon 08



chabe

3,57

2 grades to be loaded separately : 4000mts +/-5% and 1000mts -10% in oo
+/-50mts in chopt for each grade of blk mop stw abt 1,m3/mt wog

1 sb at st.petersburg / 1 sb at ghent

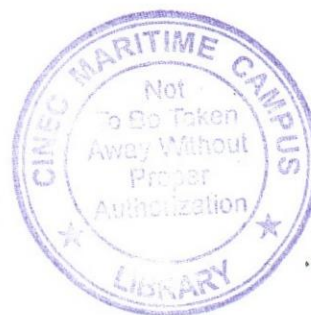
laycan : spt onw

load rate : 2000mt pwwd sshinc

disch rate : 2500mt sshex eiu, fri 17-mon 08

chabe

3,75



24. Statutory duties after collision?
25. What is present trend/ happening in shipping???
26. What are the latest M notices in Sri Lanka ??
27. What are the maneuvering characteristics & difference between "Emma Maersk class V/L and E class vessel? *TEU 18000*
28. What are the advantages & disadvantages between "Emma Maersk class V/L and E class vessel?
29. Large vessels in market will affect the small feeder ships ??
30. What are the benefits on new building large ships ??
31. Masters over riding authority & where it mentioned?
32. Port of refuge.
33. International tonnage certificate issuing procedure??
34. How you dismiss a person?
35. What are the log entries to be made?
36. Charter ask you to give clean bill, mate says there are some disputes, you can't contact owners, what you will do, explain..
37. Hague, Hague Visby, Hamburg, Rotterdam rules??
38. What are the latest amendments to the SOLAS?
39. What is the latest amendment to Load line??
40. What are the certificates Master should carry on board when he is joining a ship???
41. What are the crew documents you have to check on board as per STCW??



You are at sea and going to enter ECA area. What is your action.

(You can enter with 60N) *Bunker Delivery Note*

46. While bunkering in USA, offload and onboard

what is your action *minimize cleaning port - call cleaning agents US*

47. To whom report and within how many hours you have to report.

48. When you sail you see ice burgs. What is your action.

49. What is danger involving ICE burgs you vessel is ICE class vessel. How you navigate in ICE areas. How plan the passage *determination of owner administrator*

50. What is DMLC part 1 & part 2

51. What is statement of compliance under MLC.

52. Hold no. 2 start flooding. what is your

action: *Damage Control Plan*

53. Hold no. 2 start flooding. what is your action? *Third mate sign off. Lido not relieve. Lido is your*



Exam :- Master Oral Examination

Candidate :- T.M.P.N. Thennakoon

Date :- 17.02.2014

Examiner :- Capt. Asiri Herath

1. What are the certificates carrying onboard (He didn't mention statutory certificates. I include insurance, class, Suez, Panama certificates also).

2. What is a convention

3. What is a protocol

4. How convention come in to force

5. How do you take over command as master

6. Master's responsibility. (Include owner into

7. Master's overriding authority.

8. Where it is mentioned.

9. How you implement ISM onboard.

10. How you observe ISM implement. (Explain full procedure with examples)

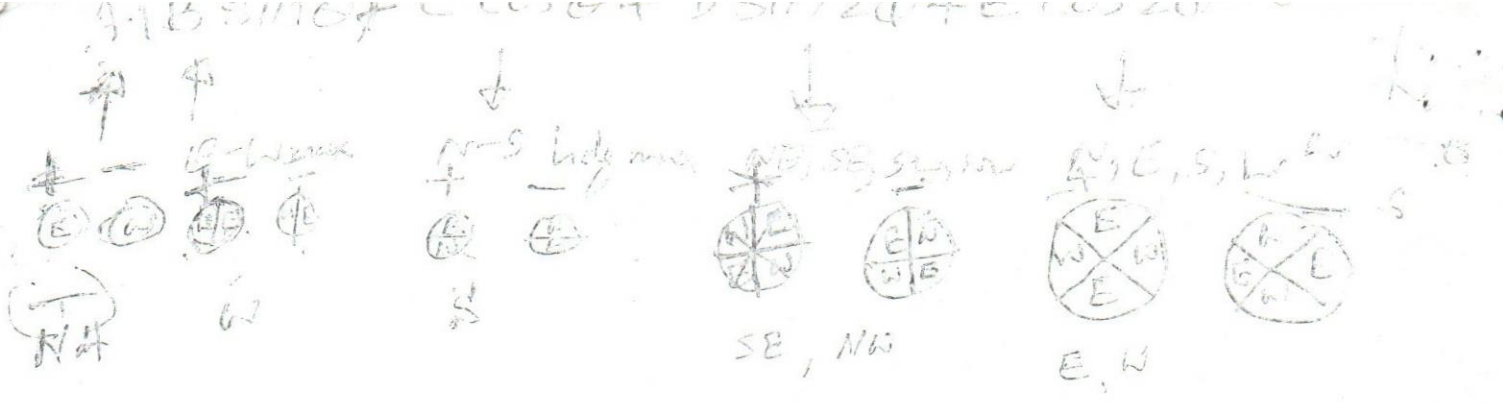
11. How prepare the vessel for ISM internal audit.

12. How you prepare vessel for Annual etc survey.

- 10 What is different between above 11 & 12
- 11 Which certificates are applicable annual survey.
- 15 What is general average
- 16 Examples for G-Average
- 17 What is particular average
- 18 Examples
- 19 What is P & I club
- 20 What are the coverage under P & I
- 21 What is H & M insurance
- 22 What are the coverage under H & Machinery insurance
- 23 What is BL
- 24 What things u check before signing BL
- 25 What is clean Bill
- 26 IF cargo figure different with BL and mate's receipt. What is your action.
- 27 Charter ask discharge cargo without OBL. What is your action
- 28 How vessel prepare for berthing after long sea passage
- 29 What are the port papers for arrival
- 30 What is FAL convention.



- 31 What is SUA convention
- 32. What action you take, when you observe a person (not side person) act violence against ship crew.
- 33. How u prioritize Safety & Security.
- 34. All time safety coming first? or not?
- 35. How you implement ISPS onboard.
- 36. What is mean by salvage
- 37. What contract applicable for salvage
- 38. What is LOF 2011. Explain Lloyd's Standard OBL
- 39. you are in cargo ship. How you go for salvage operation
- 40. You suspect TRS is there. Explain Fall procedure.
- 41. What is mean by ^{Charter party supplied} ~~warranty~~ ^{express}
- 42. What are the changes in new sea code
- 43. What are the certificate required for sailing as 2nd officer
- 44. What are the new amendments for convention, which inforce 01.01.2014
- 45. you bunkered LSO. But bunker sample Laboratory report showing it is HSO.



INB = Son Eddy - Son W eddy

2

LOF 2011

- Amount publish in the website
- Arbitration clause

STCW 2010

- Revised rest hours
- Newly introduced
- Implement



Class - I Master

CANDIDATE : M.M.A.B.MARASINGHE

EXAMINER : CAPT. NANDIKA PEIRIS.

DATE : 28.02.2014

1. How do you take over a vessel as the master
2. What are the documents to be carried on board. (He expected all the certificates & codes required by various conventions.
3. What are the items to be checked during each survey. Load line, safety equipment, safety radio, safety construction.
4. What is your responsibility as the master on board.
seaworthiness, mini expense/time, owner/charter interest
5. What authority master has on board. Where is it mentioned.
6. What actions you take during grounding situation.
*STCW Ch 8
Standing orders.*
7. How do you do damage control
8. What is probabilistic & deterministic approach of damage control.
9. You expect heavy weather 6 hrs after departure. What is your action.
10. What instructions you give to your fellow officers.
11. Charter is forcing you to maintain your ETA to next port. What is your position in this regard. (Masters responsibility regarding the safety of the vessel cargo & its crew, over riding authority, justifiable deviation.)
12. Under which convention CDC is coming
13. What are the contents of SOLAS CH V - *safety of navigation, carriage requirement of, master's discretion, damaged cargoes*
14. Can AIS use as navigation aid.
15. Certificate requirements of Master. 2/Off, AB, OS, Cook as per the STCW (He asked separately for tankers, cargo ship, passenger). The examiner was not 100% happy with the Answer I gave. Better to have a clear picture of certificate requirements under each convention.



Exam : Masters Orals
Date : 10th Feb 2014
Candidate : P.A.O.M.S.Palihawadana.
Examiner : Capt. Nandika Peiris.

1. Statutory certificates and conventions.
2. What is convention?
3. What is a recommendation?
4. Certificates under ISM?
5. Emergency preparedness practicing among the crew ... steps?
6. Contingency plan review??
7. How you implement ISM on board?
8. What are the master's responsibilities?
9. Container ship having large openings / strengthening procedure/ construction?
10. BRM roots?
11. Arbitration came from which clause??
12. Stability problem during port for container ships?
13. How do you overcome such problems ??
14. Shallow water effect?
15. Bank cushioning & how you know it is happening, actions to avoid it??
16. Pivot point when moving fwd, aft, stop, when pushing tugs??
17. How you know the tugs can be pulled out a big container ship from berth with 20 kts wind from the sea???
18. How to find power of tugs?
19. What are the things to be concenter before proceeding to a distress call in VHF range?
20. What are the things to be concenter before proceeding to a distress call in MF/HF range?
21. Full procedure of assisting for a vessel in distress cargo/ passengers?
22. How do you rescue persons without putting your crew in anger?
23. Injured person on board what is the action??



ORAL EXAMINATION FOR MASTER CLASS -1

CANDIDATE : U. S. KURUPPU ARACHCHI

EXAMINER : CAPT. NANDIKA PEIRIS.

DATE : 04.03.2014



- Q1. How do you find the present day shipping compare to the fifteen twenty years back and how it will be in future. (Practical answer has to be given with regards to "manning level, crew qualification and improvement on ships design like Triple E class vessel)?
- Q2. In which way do you think that modern technology will effect for the human job prospects in the marine industry?
- Q3. How do you take over the command of the vessel as the Master?
- Q4. What are the certificates to be carried on board, (He expected their convention, validity period & verification procedures)?
- Q5. How do you prepare the standing order? What are the factors taking in to account?
- Q6. What are the instructions you give to your officers prior to departure port?
- Q7. What is your responsibility as a Master?
- Q8. When Master has the overriding authority and where it is mentioned?
- Q9. What is your ~~role~~^{role} as a Master when you manoeuvring with pilot on board (out bound)?
- Q10. When do you hand over the command to your duty officer?
- Q11. What are the manoeuvring characteristics?
- Q12. What is shallow water effect?
- Q13. What are the statutory duties after collision?
- Q14. What is subrogation in marine insurance. Barratry, Sue & labor clause?
- Q15. What are the latest amendments for year 2014?
- Q16. Anchoring procedure?
- Q17. You received a distress alert & what is your action?



~~DOC 280717~~

245/3

Doc 250219-001

" 250219-002 (NEW)

A₊ - A₊

(Folder NO: 14)

355/.

- Q18. What are the factors you taking in to account prior to conduct rescue operation?
- Q19. What are the search patterns and how you decide which is most effective?
- Q20. What is justifiable deviation?
- Q21. You got two new crew members (2/O, AB) joining in the present port. What are the documents they should have with them as per the STCW2010 requirement?
- Q22. What are the documents you suppose to have as a Master going on tanker (as per STCW 2010 req.)?

I TAKE THIS OPPORTUNITY TO THANK ALL THE LECTURES WHO GUIDED ME THROUGHOUT from CREW to MASTER. ALSO THE FREINDS WHO SUPPORT ME TO ACHIEVE THIS TASK.

U.S. KuruppuArachchi

