I reached AMSA office 30mins before the orals. I was waiting in the waiting room after 10 mins Cpt. Rudy came and said that, get some water or if you need can go to the washroom and take care yourself too. I was looking so nervous in that time because one gentleman failed the oral before of me (From our college too). Cpt. Rudy usually ask the question on the watchkeeping standard requirements that Officer must know & in my word he’s a Great Examiner. He wants 100% in rule of the Road & Stability from Candidate. I pass the oral in 2nd Attempted.

ORAL begins 1100 hrs vessel container & Bulk.

Here, I am very thankful to specially Gregory Blaquiere, Jeff, Rajiv Singh, Patrie, Chris, Harman and all library staff & my class Mates-Amit.

1) Take over the watch from 2nd mate from the Bridge first; specially Nav equipment.
2) Your vessel is fully compliance with the ECDIS so what will you take over about next passage Plan. What will you check in passage plan? No paper chat on board.
3) What are the requirements to have ECDIS on board? Together with license and AMSA Circular.
4) What & How will you set-Up Safety depth and safety contour? What are the difference.
5) “Paper chart” Depth are given 30 M so how do you know that depth is reliable to surface Navigation.
6) Draw the paper chart mark (NP 5011) on the paper, which is dangerous & restricted for the surface Navigation.
7) Draw the Load-line mark & all the dimensions.
8) Movement of “G” as weight loaded, Discharged and shifted.
9) Stable, Unstable and Neutral Equilibrium and explain everything.
10) What is angle of Loll and how to correct it.
11) What do you know about sheering forces and Bending moment? And their calculation of hoggings & sagging. (Hint - 1. Take forward and aft draft, 2.add them both, 3. divided by two, 4. Subtract from amidships draft).
12) What is FSE, Diagram & how can be minimized.
13) IMO Criteria’s.
14) GZ Curve draw and explain everything.
15) What is AIS, frequency, Dynamic, Static & Voyage.
16) Navtax
17) How will you get the MSI massage on board?
18) Your vessel having the hogging situation by 2 m and you are alone in the watch so what will you do.
19) Compass Error (Use CADET rule)
20) What is TRS, Draw the Diagram in southern part. Dangerous Semi-circle, Navigable semi-Circle how will away from it.
21) You’re facing bad weather ahead in your Nav watch so what will you do, give me at least 6 points.
22) What are the Metrological equipment on board?
23) What do you know about Barometer?
24) Write down Marine Order on the PAPER at least 15.
25) ISM code, SMS
26) What is Marine order 28, 32, 33,34,41,44, 58.
27) What is content’s in Marine Order 32. which MO talk about safe handling of Containers.
28) IMDG CODE, Find the information of the Cargo 1947(UN No.), can segregate for me this cargo with Class 5.
29) IMSBC CODE (Which marine order), can you find the information of the Alumina from the book.
30) MARPOL and Annexes
31) OH&S, PIN, who will issue the PIN. Can AMSA issue the PIN.
32) What is Squat & Bank effect.
33) DO the calculation of UKC if vessel Draft is 10m + squat 1.0m + ukc 1.0m = 12.0m(MDR) and chatted depth is 14.0m but you are get the UKC by Echo sounder 4.0m. So what is happening... 😊
34) What are the Navigation Equipment on board?
35) Why do you need Compass error every in the watch?
36) What is X & S Band radar, why do you need two radars on board & there uses?
37) Explain SART & EPIRB.
38) Explain HRU Functions in Marine term
40) Write down FSA /FFA Equipment on board
41) What will you check outer-side of Life boat?
42) What will you check in-side of the life boat?
43) How many mins to start the life-boat, how many &what are the pyrotechnics on board?
44) On load release Mechanism
45) How can you reduce the squat?
46) Prepare for me the DB Tank for inspection (Ventilation, Risk assessment, Permit, Safety, Oxygen, Hydrocarbon at LEL, Flammable gas and vapors) what is the duty of standby person.
47) What Publication will you find on board and two mandatory Publication on board (IAMSAR, INTERNATIONAL CODE FO SIGNAL).
48) Write down TSS RULE 10 & 19 on the paper for me.
49) You are heading 000 in TSS and one fishing vessel crossing port to stbd she is extending also her gear, Take action?
50) Explain Rule 8,10,15,16,17,18,19.
51) Take appropriate action to avoid Collision & Identify the vessel from small back board - Fishing vessel, Trawler, CBD, RAM, Crossing, Aground, Not under command, Mine-swiper, head on, ACTION by stand on, Action by give way.

52) Take action, got the fog ahead of your vessels ......😊

He finds me very competent in Colregs by avoid Action in ample time as per rule says and the rule explanation. Finally, he was so happy and asked me that, who is your teacher of Bridge watch keeping; I mention the name of specially Gregory Blaquiere, Jeff, Rajiv Singh, Patric.

Thanks to all my faculty member, ANN INGS & Linda.

BE READY GUYS FOR YOUR ORAL TOO, GOOD LUCK (Don’t pass the oral exam like me in 2\textsuperscript{nd} Attempted)!