Chief Mate Orals - [Redacted]
7th June 2017 - Sydney
Time 1.5 hours
Result - Pass

You joining a bulk carrier and walking down the wharf tell me everything you would be thinking of and doing until you have completed your over? Including what certification would you give to the Master? Include inductions and bridge familiarization

Where do you find your duties and responsibilities?

The port increases security to level 2. What does this mean? What are all the different levels? And how would you implement a plan?

Pulled out a chart of Singapore and asked various chart symbols and rules relating to the TSS. Then he pulled out a couple ship models and asked my actions whilst in the TSS with a crossing situation and overtaking including the sound signals you would make?

He pointed at 20m contour and asked what this means? Refer to chart datum

What is the role of AMSA?

What does ATSB do?

What is SOPEP?

Frequency of drills?

OH&SMI Act? Who administers?

Role of a HSR? What is a PIN?

Garbage Record Book?

What is the difference between IMSBC Code and BLU code? He also asked how are the cargoes listed? (IMSBC alphabetical, IMDG by UN number)

What is the difference between segregation and separation relating to DG?

Loading a bulk cargo, what are your preparations? What is a ship shore checklist? And what is in the checklist?

What is in a shippers declaration?

What would you expect from you junior officers whilst conducting a cargo watch in port?
What are the stresses on a ship in harbor and at sea? How does a ship builder strengthen a ship for racking, panting, pounding?

If a vessel is hogged draw what it would look like

ISM Code – purpose, contents, SMS etc

What gives marine orders legislation? What is a marine notice? And he asked me to name a few recent marine notices? (didn’t have to go into detail about notice just the names of a few)

Marine Orders 32 in detail? What’s in it? What does it cover?

What is fitness for duty? What convention and Marine Order covers this?

You conduct a passage plan, tell me all the information that is included in a passage plan? Including all the information you would put on the chart?

Difference between X and S Band Radar?

How do you know who and when to contact when arriving in Australia?

How do you prepare for a load line survey and what is inspected?

He drew a summer load line and then marked different water lines and asked whether the ship was over loaded in each of the scenarios? It was only overloaded when he drew the last line which completely submerged. He then asked what would happen to the vessel that’s overloaded?

Draw a loadline and know thickness of the lines, mark FWA?

What is DWA? And what is the formula to calculate it?

Confined Space Entry procedures?

Purpose and advantages of PMS?

Shallow water effect and UKC?

Asked me to use one of his ship models and berth the ship port side to after conducting a short round turn in a river with current. As I was doing it I was giving engine and helm orders and talking about things I was thinking about? No tug and only 1 lines boat so you can only run 1 line at a time.

You have now berthed the ship ready for dry dock, what are the preparations for dry dock, starting from months out?

After the water is pumped dry in the dock, now what?
Bunkering preparations?

Your now on a container ship and one of the containers is on fire. Actions? Mention DG, EMS.

Your vessel now needs a tow. How would you prepare for a tow forward? You need to break the cable and the pin in the lugless joining shackle is stuck?
- Answer was cut the cable, he then asked how would you secure the anchor?
- Answer is cut the cable aft of the securing arrangements and you don’t have to touch the anchor

What type of tow? Eg is it a tight line for a big ship? NO. Why not? What is the benefits of catenary?

What is in IAMSAR? What volume would I use for SAR?

Draw a cross section and explain an unstable ship? How do you correct the angle of LOLL?

Various COLREGS, IALA