Master Unlimited Oral Exam by I. De Gruuf
16/08/2018 - Passed

Started with introduction and explanation of exam process, placed a picture of bulk carrier and was told the vessel was Australian registered and unless otherwise stated all questions would relate to that vessel. Please see below for all questions I can remember.

- What certificates would I need to take with me to join vessel in China?
- What would I look at when joining the vessel?
- How would I conduct a handover with off going Master?
- What certificates would I look at? Inspection periods?
- Preparation for Bunkers, SOPEP incident?
- Medical incident, person dies ashore, repatriation?
- How would I know the vessel is insured? Also for pollution?
- What certificates would Philippine 2/O require to join vessel?
- How would I know that the 2/O was fit for duty? (Hours of rest)
- What hours of rest are required for person under 18?
- Medical certificate, renewal frequency?
- How is this enforced in Australia?
- What is MLC?
- How is this enforced on vessels?
- What is ISM, how is this enforced on vessels, process of obtaining certificate, Master’s responsibility?
- How would I know that I’m ECDIS Compliant?
- SASS button?
- What else is listed on Form E?
- PSC inspection, discrepancy with sewerage system on board, what is required on board, how long is the Sewerage certificate valid?
- What is AIS, how does it work?
- Preparation for LL survey, what do you do? How is LL determined? What is on the CAS? What kind of hatch tests can be conducted, how do you do them? Draw LL, what are the different zones, how are they determined?
- How would you expect the 2/O to prepare passage plan? What conventions to be considered?
- What drills are required at what frequency?
- Depart port, where could I load to on LL if transiting large river in Tropical zone to discharge in summer zone?
- IMO Stability criteria, how would it change for grain?
- Master/bridge/pilot relationship/conduct?
- Discharge solid bulk cargo residue over side?
- Preparations for discharge of coal and load iron ore?
- Angle of repose? TML? Shippers declarations?
- Types of cargo, (A, B & C) Explain?
- Enclosed space entry requirements? 2/O isn’t trained but has done CSE on other vessels would you let him conduct CSE?
- 2/O wants to fix lifeboat hook will you let him? (I thought the hook was not set properly and required to be re-set so allowed it under a PTW, however he meant physically alter hook)
- Now on general cargo ship, how would the vessel react to it’s crane picking up a lift from wharf?
- Now transiting North Sea in bad weather and vessel is tender, what is the cause? Explain angle of loll.
- Loading heavy car, is it allowed? (Dependant on deck capacity & possible use of dunnage to spread load if over deck capacity)
- Car has fuel in tank can it be loaded? (limited quantities)
- What is a PIN?
- Considerations for anchorage? Examples of good and bad holding ground?
- Shallow water effect?
- Explain how you would see a SART on the radar?
- How to keep a lookout on bridge?
• How would you know a chart is fit for use?
• Showed me a chart, pointed to areas and objects and asked to explain them.
• See a red flare, actions? References?
• Materials Handling register? Inspection periods?
• Buoyage difference between A & B? Put top marks on pillars, what side to pass cardinal mark?
• COLLREGS, showed a few cards, what is the situation and what would I do? Set up a few scenarios with vessels including below;

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Good luck,