MASTER <500 Master and Chief Mate on ships <3000 NC
EXAMINER: Carlo Di Meglio
LOCATION: AMSA FREMANTLE DATE: 23/11/2017
RESULT: PASS

The questions are not in the order they were asked as we jumped around on the different subjects. Generally the question were given as part of a scenario.

Questions Ship business
  • Classification societies. Condition of class, Certs
  • Drills – Statutory, recording, OLB
  • ISM - what is it, what certs required on board.
  • ISPS code – what is it, levels, certs
  • OLB – entries
  • GRB – who requires, any changes, Marine Notice 3/2017
  • Various certs and validity. Master Handover of certs to on coming Master
  • Safety survey – preparations.
  • LL, conditions of assignment and loadline survey
  • OHSMA Act, PIN, HSR
  • MLC, what is it. Marine orders 11

Watch keeping, Bridge equipment, COLREGS
  • Passage plan change with pilot and BRM on the bridge
  • Coreg’s, rules, 5, 6,9,10,13,14,18,19,32 most ask with different scenarios
  • IALA marine buoyage A, B
  • Vessels lights and day shapes
  • Hours of rest and records
  • Proper lookout. Restricted vis what would you expect to happen on bridge.
  • Masters Standing orders, Night orders
  • Passage plan steps, explain appraisal. Voyage planning
  • X and S band Radar, ARPA
  • ECDIS explain requirements
  • Compass, Magnetic, Gyro, What is Amplitude
• AIS explain requirements
• Routing chart. Explain with no looking at charts
• VTS info, which ALRS, Publications for passage plan, chart corrections

Stab and stress.
• Loll explain.
• DWA, change in Density and draft.
• IMO stab criteria explain
• Explain stresses when loading bulk.
• Read draft marks. Recording information
• Stability book and Stability programs
• What is FSA and how to correct?

Cargo.
• Ship/shore checklist, what is it for, what is in it.
• MO 32 had a few things, Responsible/Competent.
• Sea container arrives has a red diamond Can you load. IMDG code, CSM, DOC for DG
• MO 44, MO 41, MO 33, MO 34
• Confined space entry- procedure, who can enter. What laws apply
• TML – explain.
• Grain AMSA requirements
• Multi-modal
• Cargo watch and loading various cargoes
• IMSBC, BLU, what is the aim of these codes
Ship Handling.
- Basic force applied by water on ships hull
- Squat what is it?
- UKC what is it?

Prevention of pollution.
- MARPOL – Annexes and Marine orders, Marine Notice 4/2017
- SOPEP and Bunkers – procedures
- Oil spill response and reporting
- Ballast water, Marine Notice 8/2017

Emergency response.
- Flare seen – actions, obligation to render assistance, who to report
- IAMSAR
- LSA and FFA
- SCBA requirements
- Australia NAVAREA
- Galley fire – procedure, alarms, reporting