

## 4 Checklists

- 4.1 What checks would you make prior to arrival in port (the 'In-Port Passage Plan' is already complete)?
- 4.2 What information would you consult when preparing an 'In-Port Passage Plan'?
- 4.3 When taking over the navigational watch at sea, what information would you give to your relief or expect to be given?
- 4.4 You are on a vessel about to receive a pilot by helicopter. Which publication would you refer to and what preparation would you make prior to the arrival of a pilot?
- 4.5 Aside from the testing of bridge equipment, what other checks/preparations are made on a vessel prior to departure?
- 4.6 What checks on the bridge equipment would you make prior to departure from port?
- 4.7 As navigating officer, what would you ensure was available/set up on the bridge several hours before departure?
- 4.8 What checks would you make on the steering gear prior to departure from port?
- 4.9 In the event of responding to or participating in a 'search and rescue', what actions would you take?
- 4.10 In the event of a man-overboard, what actions would be carried out?
- 4.11 In the event of fire, what actions should be carried out?
- 4.12 In the event of stranding, what actions should be carried out?
- 4.13 In the event of an imminent collision or in the event of a collision, what actions should be carried out?

- 4.14** In the event of bridge control or telegraph failure, what actions should be carried out?
- 4.15** In the event of gyro compass failure, what actions should be taken?
- 4.16** In the event of steering failure, what actions should be carried out?
- 4.17** In the event of main engine failure, what actions should be carried out?
- 4.18** What checks/preparations would be made prior to navigation in areas likely to have ice?
- 4.19** What preparations are made when navigating in restricted visibility?
- 4.20** What preparations would you make on the bridge, prior to anchoring?
- 4.21** What general factors would you take into account when planning a coastal passage or a passage through a TSS?
- 4.22** When on watch deep-sea, what general considerations should be taken regarding the conduct of your passage?
- 4.23** What checks would be made prior to the embarking or disembarking of a pilot?
- 4.24** Normally at noon, certain equipment is checked, as part of the daily checks of equipment. What would you, as third officer, test before handing the watch over to the second officer?
- 4.25** What checks would be made prior to heavy weather or in a tropical storm?
- 4.26** As officer of the watch in port, what information would you pass to your relief?

- 4.27** When on cargo watch in port, what duties are expected of the duty officer?
- 4.28** After taking over the watch in port, what issues should you satisfy yourself with?
- 4.29** You join your next vessel as OOW. It is a vessel you have not sailed on before and are therefore unfamiliar with the bridge equipment/layout. What would you check prior to departure in order to familiarise yourself?

## 5 Bridge Instruments

- 5.1 What data must be recorded on the VDR (Voyage Data Recorder)?
- 5.2 Describe the basic functional parts of a VDR.
- 5.3 Describe the Protective Memory Capsule of a VDR system.
- 5.4 What is the Automatic Identification System (AIS) coverage?
- 5.5 What does AIS broadcast?
- 5.6 What are the advantages of AIS?
- 5.7 What could be the problems of AIS?
- 5.8 What is the difference between an ECDIS and an ECS?
- 5.9 Describe the differences between a vector and a raster chart.
- 5.10 What are the advantages/disadvantages of raster charts?
- 5.11 What are the advantages/disadvantages of vector charts?
- 5.12 What are the risks of over-reliance on an ECDIS system?
- 5.13 What is an Integrated Bridge System?
- 5.14 What are the advantages of electronic charts versus paper charts?

## 6 Security

- 6.1 What are the objectives of the ISPS Code?
- 6.2 What is a Ship Security Plan (SSP)?
- 6.3 What are the various security levels under the ISPS Code?
- 6.4 To which vessels does the ISPS Code apply?
- 6.5 To which ports does the ISPS Code apply?
- 6.6 At security level 1, what activities should be carried out, on all ships, in order to identify and take preventative measures against security incidents?
- 6.7 At security level 2, what additional protective measures should be carried out, on all ships, in order to identify and take preventative measures against security incidents?
- 6.8 At security level 3, what additional protective measures should be carried out, on all ships, in order to identify and take preventative measures against security incidents?
- 6.9 When developing and updating the SSP, an essential part of this is the ship security assessment. What should this assessment consist of?
- 6.10 When submitting an SSP, or amendments to a previously approved plan, what supporting documents should accompany it?
- 6.11 What measures should an SSP address?
- 6.12 Records of what activities regarding security should be recorded on board?
- 6.13 What are the duties and responsibilities of the SSO?
- 6.14 How does a port decide what security level should be set?

- 6.15** What security measures should a port undertake at security level 1?
- 6.16** What should the initial survey before the ISPS certificate is issued to the ship consist of?
- 6.17** How many intermediate ISPS Surveys should take place between the initial issue of an ISPS Certificate and the certificate's renewal?
- 6.18** What should an intermediate survey consist of?
- 6.19** What is the period of validity of the ISPS Certificate?
- 6.20** When a security level is set by a government, to whom does it apply?
- 6.21** When would a government set security level 3?
- 6.22** How may the maritime administration of a contracting government notify changes in security levels?
- 6.23** What information, particularly security related, may be required from a ship as a condition of entry into a port?
- 6.24** What items should a ship security assessment address?
- 6.25** When preparing a Ship Security Assessment (SSA), what information will the CSO require?
- 6.26** Which persons, activities, services and operations would be detailed in the Shipboard Security Assessment (SSA) as important to protect?
- 6.27** Give examples of possible threats or security incidents that should be considered in the SSA.
- 6.28** What information should the SSP contain?
- 6.29** What points of access to the ship should be addressed in the SSP?