

THE HONG KONG POLYTECHNIC UNIVERSITYDEPARTMENT OF MARITIME STUDIES

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Course : Post experience Diploma in Ship Command  
Subject : Passage Planning  
Class : Part A  
Session : 1995-96  
Date :  
Time allowed : 2½ hours

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Instructions : Attempt ALL questions  
to Candidates Questions DO NOT carry equal marks

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- ✓ 1. List the factors which you would consider for selection of a passage for a Capesize bulk carrier from Australia to Europe. (15 marks)
  
- ✓ 2. Describe in detail the factors you would consider in planning a coastal passage. (20 marks)
  
- ✓ 3. What information should the Master give to a North Sea Pilot? (15 marks)
  
- ✓ 4. As Master, your Standing Orders will include instructions to the O.O.W. when to call you. What are these circumstances? (15 marks)
  
- ✓ 5. Describe how you would determine whether a buoy or a light vessel is in its charted position. (10 marks)
  
- ✓ 6. Describe the function and work of AMVER. (10 marks)
  
7. On the enclosed chartlet :
  - (i) Describe in detail the characteristics of :
    - (a) The Outer Gabbard Light Vessel.
    - (b) The South Inner Gabbard Light Buoy. (10 marks)
  
  - (ii) State the nature of the bottom off Galloper - c.S.bk.Sh.G., and off Outer Gabbard - M.S.St. (5 marks)

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1. (a) What are the objectives in planning a passage for Pilotage Waters? (10 marks)
- (b) Discuss the problems associated with planning for Pilotage Waters. (10 marks)
2. Your Satnav is not working, you have not obtained a position by astronomical observation for several days and you expect to make landfall during the hours of darkness. State what precautions or other action you would take. (20 marks)
3. In some areas, Traffic Separation Schemes are under the surveillance of a Vessel Traffic Management System. Comment on the advantages of this to you as Master using such a scheme and state the two main problems involved for the shore radar surveillance officer. (10 marks)
4. When planning a passage, contingency plans are always included. Discuss those plans and the reasons behind them. (10 marks)
5. List the items which should be included in a Bridge Note Book and discuss the advantages of using such a note book. (15 marks)
6. Describe how you would determine whether a floating navigational aid is in its exact charted position. (10 marks)
7. On the attached chartlet :-
- (a) Describe :
- (i) Beachy Head Light
- (ii) Royal Sovereign Light (10 marks)
- (b) Explain the meaning of the 2 symbols circled, south of Beachy Head. (5 marks)

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1. ✓ What information should the Master give to a Pilot when arriving at a busy port in foggy weather? (15 marks)
2. ✓ State what factors would be considered when laying off a track to make a landfall. (15 marks)
3. ✓ Name, in order, the distinct stages in the planning and achievement of a safe passage. (10 marks)
4. Explain the reasoning behind recording the main details of a passage plan in the bridge note book. (15 marks)
5. Discuss how a passage plan is monitored (20 marks)
6. List the duties of the O.O.W. with a Pilot embarked. (10 marks)
7. On the enclosed chartlet :-
  - (a) Describe in detail, the characteristics of :-
    - (i) Sunk Light Vessel
    - (ii) Trinity Light Buoy (10 marks)
  - (b) State the nature of the bottom :-
    - (i) South West of Trinity Light Buoy - Sh.G.fS.Sn.Wd.
    - (ii) South of Sunk Light Vessel - fS.bk.Sh.Wd.Cy. (5 marks)