

HONG KONG POLYTECHNIC  
CENTRE FOR MARITIME STUDIES

---

Course : Post Experience Certificate in Ship Command  
Class : 1991/92  
Subject : Passage Planning  
Date : 24 December 1991  
Time allowed : 2 1/2 hours

---

Instructions : Part A  
to Candidates Compulsory  
Questions carry different marks.

Part B  
This part has three questions  
Attempt any TWO questions  
Each question carry 25 marks.

---

Available from : Chart 3970  
Invigilator

---

Part A

1. State the factors you would take into consideration when laying off a track to make a land fall. (10 marks)
2. Your vessel is a panamax bulk carrier approaching Rio de Janeiro from the south. Speed 15.0 knots, weather has been heavy and you have not been able to obtain a fix for three days. DR position at 2000 is 23°30'S 043°20'W, course steering 020°T, visibility 5 n. miles.
- (a) describe how you would plan for the landfall.
- (b) state the cautions you would exercise. (40 marks)

Part B

3. (a) List the various types of Traffic Separation Scheme (TSS).
- (b) List the sources of information for TSS.
- (c) In some areas the TSS are under surveillance by a Vessel Traffic Management System. Comment on the usefulness of such a management system. (25 marks)
4. Describe in detail the factors you would consider in planning an ocean passage. (25 marks)
5. (a) List any 10 publications which are essential to planning a passage.
- (b) Describe in detail the contents and use of the "Admiralty Sailing Directions". (25 marks)

- End -