

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 : 12 December 1995  
Time allowed : 2½ hours                      Time : 0930 - 1200

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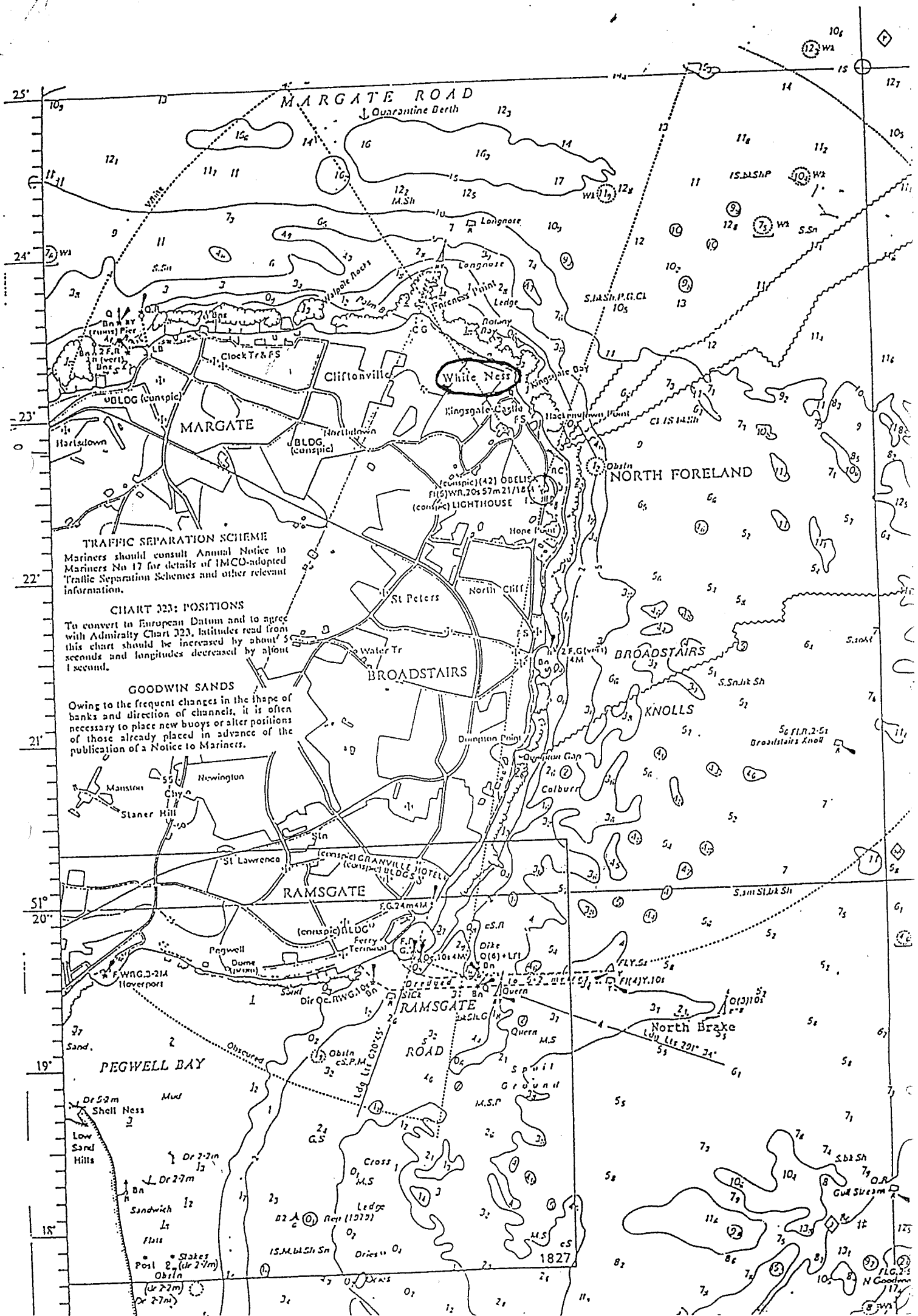
Instructions : Attempt ALL questions  
to Candidates                      Questions DO NOT carry equal marks

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Available from : Luminous Range Diagram  
Invigilator

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1. Explain the reasoning behind recording the main details of a passage plan in the bridge note book. (15 marks)
2. Describe in detail the factors you would consider in planning a coastal passage. (20 marks)
3. Describe how you would determine whether a buoy or light vessel is in its exact charted position. (10 marks)
4. State what factors would be considered when laying off a track to make a landfall. (15 marks)
5. Name, in order, the distinct stages in the planning and achievement of a safe passage. (10 marks)
6. What information should the Master give to a Pilot for a long river passage? (15 marks)
7. On the enclosed chartlet :-
  - (a) Describe in detail the characteristics of North Foreland Light House and state its luminous ranges when the visibility is 5 miles. (10 marks)
  - (b) State the nature of the bottom to the north of North Brake buoy - S.sm.St.bk.Sh., and off White Ness - S.bk.Sh.P.G.Ck. (5 marks)



**TRAFFIC SEPARATION SCHEME**  
 Mariners should consult Annual Notice to Mariners No 17 for details of IMCO-adopted Traffic Separation Schemes and other relevant information.

**CHART 323: POSITIONS**  
 To convert to European Datum and to agree with Admiralty Chart 323, latitudes read from this chart should be increased by about 5 seconds and longitudes decreased by about 1 second.

**GOODWIN SANDS**  
 Owing to the frequent changes in the shape of banks and direction of channels, it is often necessary to place new buoys or alter positions of those already placed in advance of the publication of a Notice to Mariners.

1827  
 N Goodwin

# LUMINOUS RANGE DIAGRAM

HD574

NOMINAL RANGE IN SEA MILES

