



Pilotage

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Introduction

This presentation will take you through the key aspects of pilotage for the coastal sailor



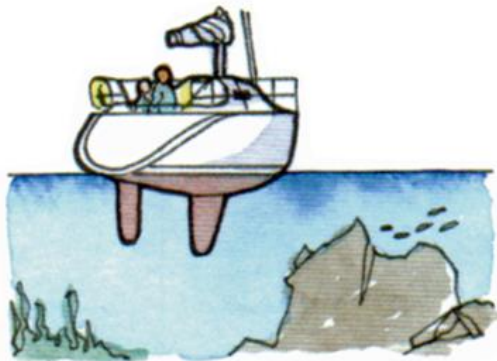
Pilotage

Pilotage is the skill of inshore navigation, where visual references are often available



Preparation

Things you might need to plan for...



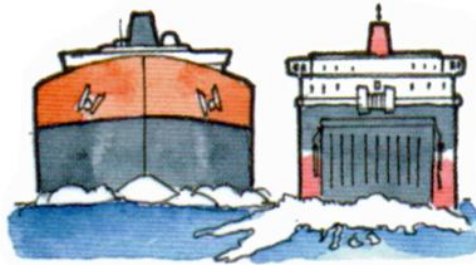
...rocks



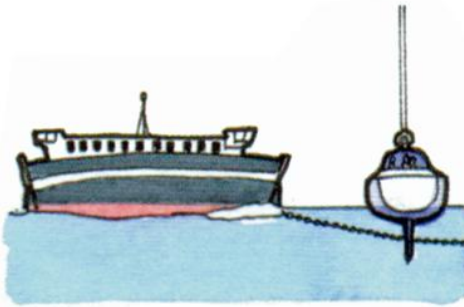
...shoals and shallows

Preparation

Things you might need to plan for...



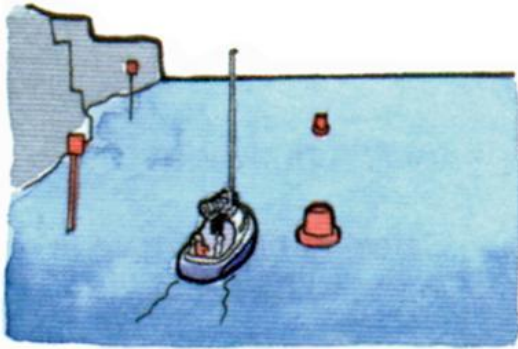
...shipping channels



...chain ferries

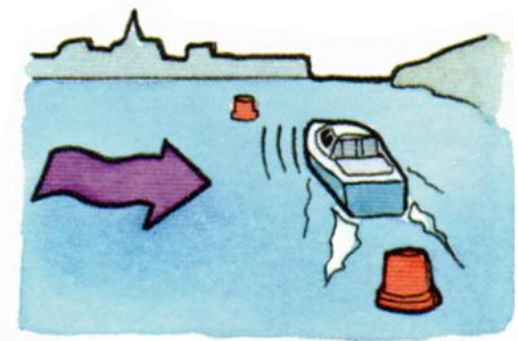
Preparation

Things you might need to plan for...



...harbour byelaws, such as small craft channels

...effects of tide



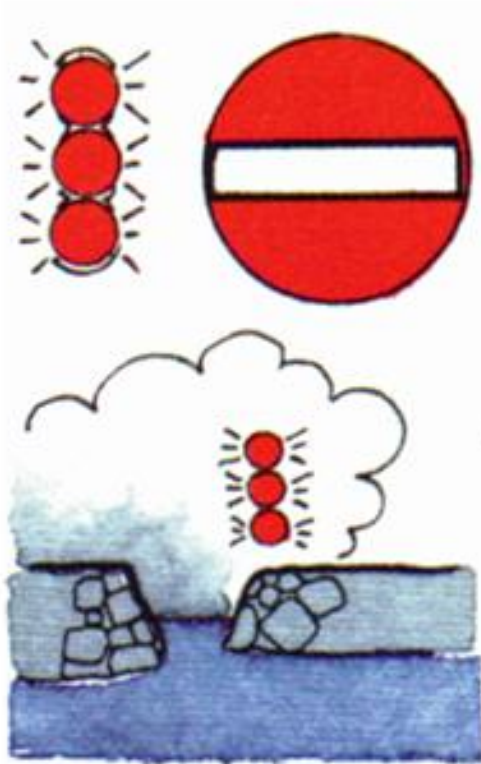
Pilotage

Remember to consider how different an expanse of water can look between high and low water



Port Traffic Signals

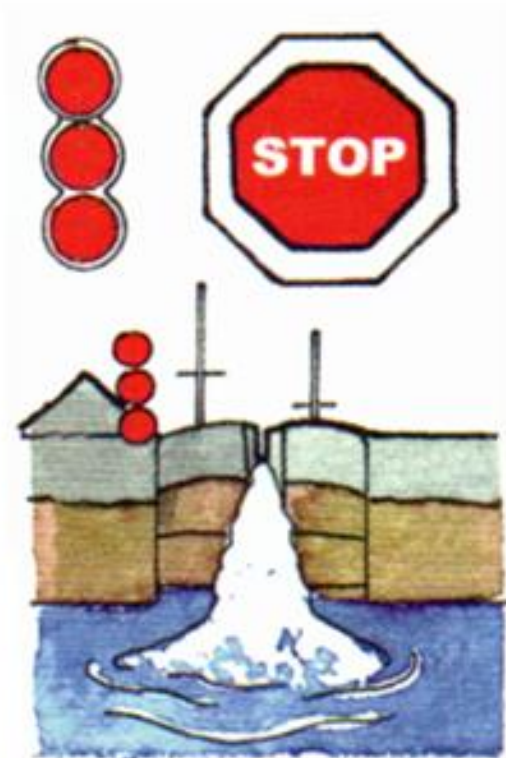
Flashing red lights...



...serious emergency do not proceed

Port Traffic Signals

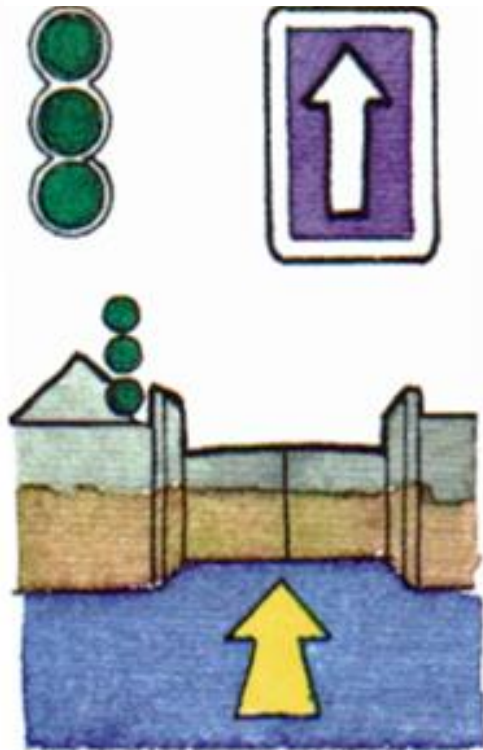
Red lights...



...do not proceed (waiting for lock)

Port Traffic Signals

Green lights...



...proceed one way traffic

Port Traffic Signals

Two green lights over a white...



...proceed two way traffic

Port Traffic Signals

Green - white - green lights...



...await orders to proceed



Clearing Bearings & Contours

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The skipper of the motorboat wants to be sure of avoiding the rock (0.9 drying) off False Cape before turning towards the anchorage

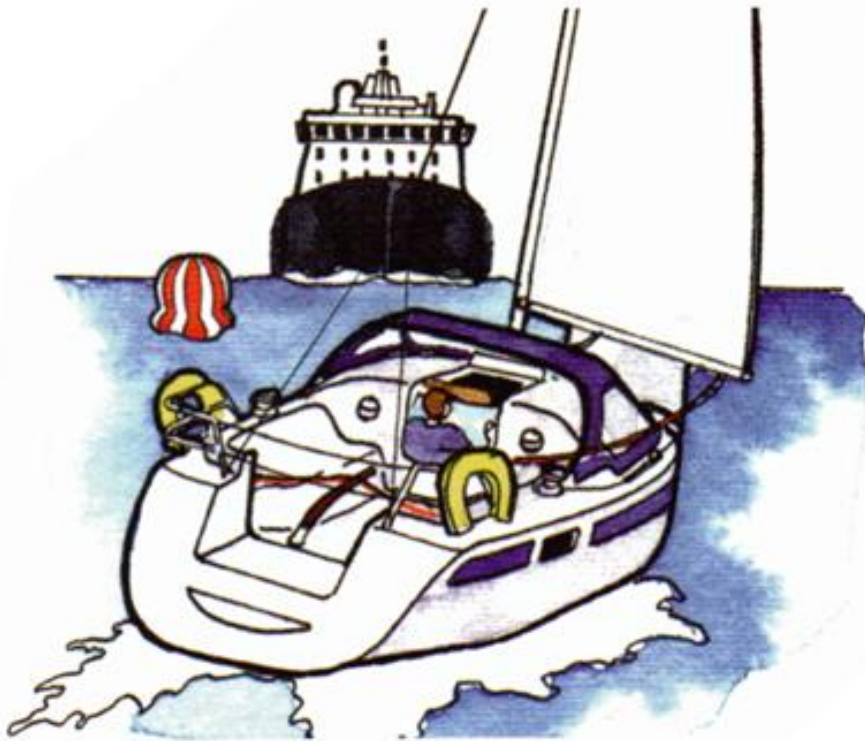
The rock is inside the ten metre contour line...

...a bearing of $080^{\circ}(M)$ on the light house $Fl(3)10s$ provides a clearing bearing



Pilotage Planning

To navigate safely in congested inshore waters it's best to spend as much time as possible on deck

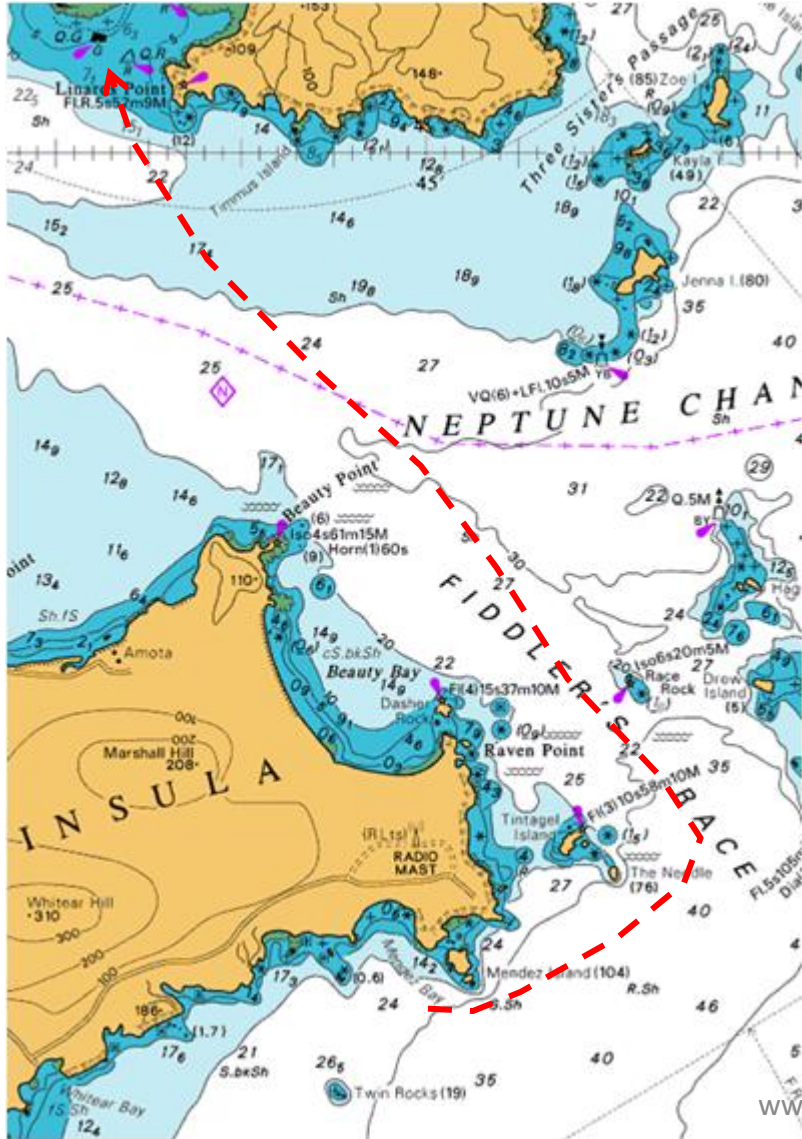


This means you are able to...

- ...keep an eye out for other vessels
- ...make sure your vessel stays on the required ground track, using visual references

Pilotage Planning

Pilotage plan Mendez Bay to Port Slade



Make a pilotage plan in advance

Pilotage Planning

Pilotage plan Mendez Bay to Port Slade

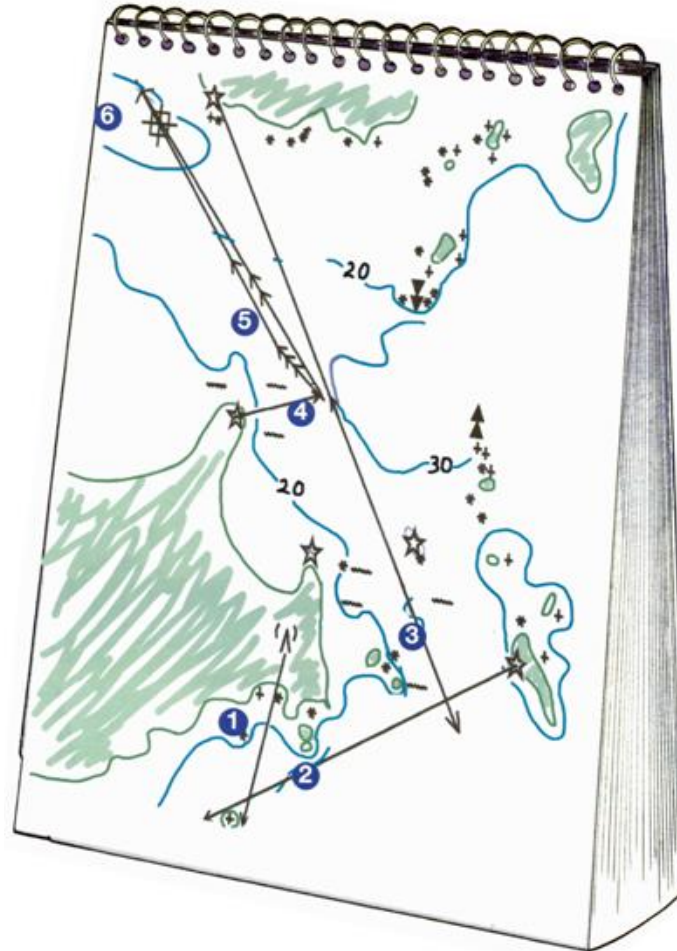
Information you need....



- ...tidal streams and heights
- ...distance and journey time
- ...hazards on route
- ...available aids to pilotage
- ...VHF channels
- ...port regulations

Pilotage Planning

Making a sketch can enable you to extract essential details of your plan to keep handy on deck



Further Reading



We highly recommend Tim Bartlett's
RYA Navigation Handbook (G6)

You can buy a copy of this book by visiting our on-line shop at
www.penguinsailing.com