ZULU MARINER DATA CARD

20

PASSAGE PLANNING: APEM

Appraise, Plan, Execute, Monitor. The same for a tinny and a tanker.

A

APPRAISAL

- Charts and publications, corrected
- Tides, streams, weather
- Dangers, no-go areas, marine park zones
- Vessel limits, fuel, crew
- Ports of refuge and bail-out points

P

PLANNING

- Tracks clear of dangers, waypoints
- Clearing bearings and depth limits
- Wheel-over points, parallel indexes
- Under keel clearance at the worst point
- Fuel with one third in reserve
- Reporting points and VHF channels

E

EXECUTION

- Timing for tides and daylight
- Brief the crew
- Trip plan to someone ashore
- Equipment checked and working

M

MONITORING

- Fix often enough to stay clear
- GPS checked against bearings and depth
- Watch the weather
- Off track? Find out why at once
- Reassess and change the plan

THE THIRDS RULE FOR FUEL

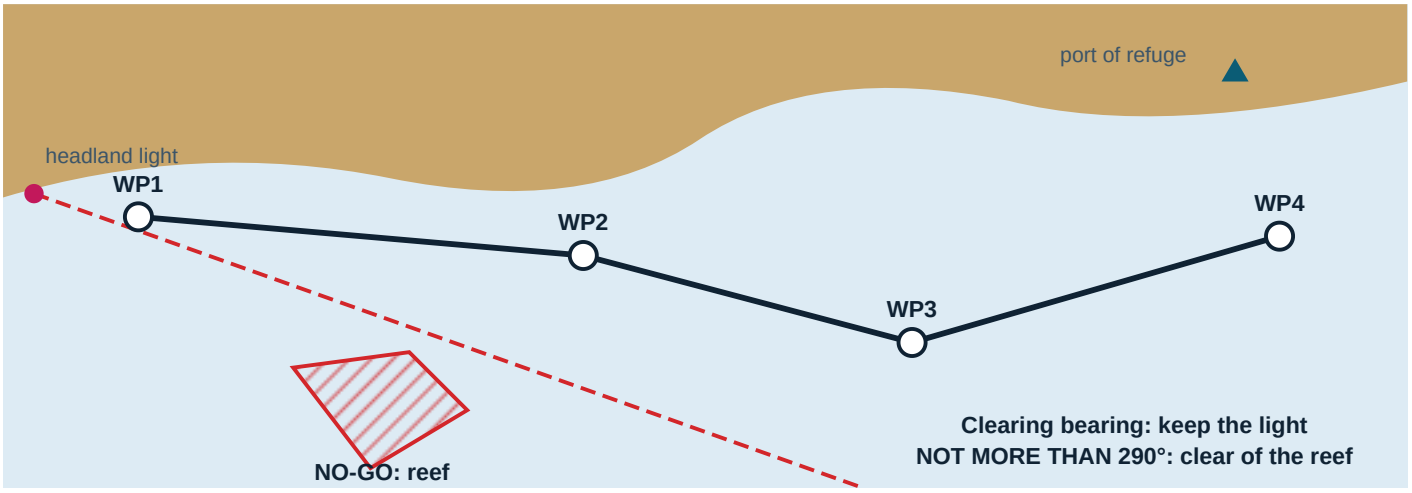
⅓ out · ⅓ back · ⅓ spare

Headwinds, a long way round or a tow home soon use the spare third.

BEFORE YOU GO

- Forecast and warnings checked, against your limits.
- Lifejackets, EPIRB, flares, radio, anchor.
- Someone ashore knows where you are going and when you will be back.
- Know your way home if the weather turns.

WHAT A PLAN LOOKS LIKE ON THE CHART



While the light bears 290° or less you are north of the dashed line, on the safe side. More than 290°: you are being set towards the reef.

Study aid only. Not for navigation.
Check the current official rules. Card 20 · v1.7 · © Nautical Bridge