

Day Skipper 2 Met, Charts - Pupil Notes



Meteorology Revise Highs and Lows (72-73) and forecast sources. Beaufort Scale (77) Conditions – result of weather, tide + local influences – eg wind against tide is rough. Local conditions – shelter by hills etc. (P 76) Onshore(no shelter) + offshore breezes (shelter), **Fog** – Caused by Warm Moist Air being cooled to dewpoint –just like when we breathe out warm moist air from our lungs into cold air – it condenses – it forms a little cloud! Advection or Sea Fog happens in spring (usually) when warm air (wind from S) blows over our cold seas and coasts – will only clear with a change in air source –Radiation or Land fog is when after a warm day –warm moist air is cooled (usually when no cloud cover) –disperses when warmed by sun or blown away by wind

What to do in fog - Check posn, reconsider route, post lookout, man VHF, check Radar, wear lifejackets, wake any crew asleep below, move to shallow water– if in shipping lanes

Sea breeze –happens during High pressure. Day starts calm. Sun heats land quicker than sea. Warm air from land rises and cooler air comes in from sea to replace it – creating a Sea Breeze P75 Preparing to go to sea if moderate seas are expected P 76

Correct exercises Correct forecast + Ex 9 (Met) Q 1-3 Forecast sheets – take down RTE forecast from Radio for next week **Complete Ex 9 Q 4,5,6**

Seamanship Correct Ex 1 Q 1 (Nautical Terms) Read through book (10-23) Sailing –points of sailing, pt + stb tack, Yacht + motor boat types, rope types+ uses, knot uses, mooring, anchoring + anchors, Flags uses – ensign, burgee, courtesy flag – manners to other boats **To do at home Ex 1 Q 2-8 (all)**

Chartwork Correct Ex 2 Q 1-4 Charts, Symbols, Depth, Lat + Long, (40-45)

Measure distance **1Degree of Latitude = 60 minutes 1 min = 1 Nautical Mile (M)**

For Chart symbols the key book is advised “5011”

Plotting position- 2 ways – Lat Long and Bearing and distance – both explained in book. See instructions you got with your plotter. Practice plotting positions – Lat Long and Bearing and distance

Training Almanac- is our shortened version of almanac and pilot book
Complete **Ex 2 Q 5-10**

Buoys- Lateral, P 62 **Shape:** Ball, p39 **Light** All round white p 39 **Sound** 5 blasts p36

Exercises: Observe weather daily, Watch **TV** Forecast (RTE 1 +BBC1)+ look daily at www.sailcork.com/index.php/sailcork/weather

Complete Ex 1 Q 2-8 + Ex 2 Q 5-10 + Ex 9 Q 4,5,6

Up and coming courses at SailCork:-

Powerboat: National PB course - 2 days (One course per month)

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