



East Hill Cobh, Co. Cork Ireland – base East Ferry Marina Cobh
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Day/Coastal Skipper Shorebased Course

NB Exercises will be given each week and corrected the next week. Students must complete all exercises
 You should complete at least one module each week

1.	Course Syllabus , Course Materials, Navigators Equipment Intro To Met : Forecasts, Highs and Lows Nautical Terms Check on books, charts etc SailCork shop Chartwork - an introduction
2.	Met - Fog, + actions, Sea breeze, Forecasts terms, Seamanship Sailing, mooring, anchoring + anchors Chartwork Charts, Symbols, Depth, Lat, Long, Plotting positions Measuring distance. Plotting insts Chart 5011 Training Almanac Info from Almanac + Pilot Book
3.	Met - Highs, Lows, Fronts, conditions (wind v tide) Buoyage Lights lighthouses + cardinal + lateral buoys Revision of fixes + position Introduction to Tides Causes, duration etc
4.	Tidal Heights: Causes. Springs + Neaps. Tables. Tidal Heights Tide level table. Tidal Curve. Interpolation Rule of 1/12 .
5.	Tidal Streams: Diamonds, Tidal atlas Tides on charts Rule of twelfths Compass: Variation + Deviation, Compass Course, Symbols. Hand bearing + ships compass. Digital compass
6.	Safety, Distress, Rescue: Prevention of problems. Fire Safety. Distress equipment - Flares, VHF Radio What to do when rescued - liferafts Plotting a fix: Types of fix. Plotting positions
7.	Position Finding- Bearing +Dist Dead Reckoning + Estimated Position: DR +EP Using log (for measuring distance) and compass to find DR position and then adding tidal direction and strength to find the EP.
8.	Rules, Lights, Shapes, Sounds: IRPCS (Rules), Lights (by night) and Shapes (by day) on vessels. Sound signals. Intro - Course to Steer Getting to destination

Distance Learning Programme 2009-10

Instructors: Eddie English, Con Crowley

9.	Course to Steer ETA and Speed made good Navigation Instruments GPS - Log, Depth Sounder, GPS + other instruments
10.	Electronic Navigation: Chart Plotters, AIS, Using RYA disc - see tutorial in advance! Bring your laptop! Revision for General Assessment Paper
11	General Assessment Paper
12	Pilotage " The art of navigating in confined waters" Transits, back bearings, clearing bearings, extra info. in guide books etc., tools used. Pilotage plans Local pilotage. Use of Google Earth etc.
13	Passage Planning- Bringing together all areas of chartwork and pilotage - the goal we aspired to at start of course!
14	Passage Making (Revise All aspects Prep Revision Paper. Chartwork Revise all previous Chartwork exercises
15	Chartwork Revision - look at sample paper Revise Chartwork for next week Tidal Height Test Question on tidal height
16	Chartwork Exam Chartwork Paper: - Fix, DR+EP and CTS Get info pack and Complete Questionnaire on course
17	Course review Chartwork Exam analysis The Future: - where from here? Practical qualifications

Christmas Break

Courses afloat: Dinghy Sailing, Cruiser Sailing, Powerboating, Instructor power + sail
Ashore: Navigation, E-Nav, Meteorology, Safety at Sea, VHF Radio www.sailcork.com