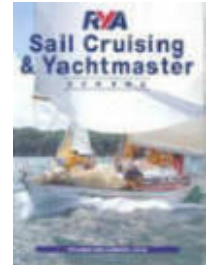


RYA DAY SKIPPER SHOREBASED COURSE SYLLABUS

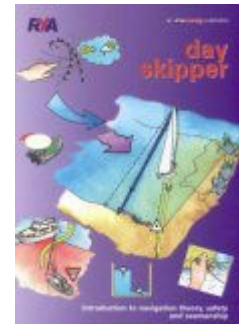
The following is a copy of the syllabus for the Day Skipper shorebased course as detailed in the RYA Sail Cruising & Yachtmaster Scheme Syllabus and Logbook (G15).



Suggested minimum pre-course experience: Some practical experience desirable

Assumed knowledge: None

A comprehensive introduction to chart work, navigation, meteorology and the basics of seamanship for Competent Crew. You will find the course invaluable if you want to learn how to start making decisions on board.



	Minimum time (hours)	Depth of knowledge*
1. Nautical terms	2	
<ul style="list-style-type: none"> • Parts of a boat and hull • General nautical terminology 		B B
2. Ropework	1	
<ul style="list-style-type: none"> • Knowledge of the properties of synthetic ropes in common use 		B
3. Anchorwork	1	
<ul style="list-style-type: none"> • Characteristics of different types of anchor • Considerations to be taken into account when anchoring 		B B

	Minimum time (hours)	Depth of knowledge*
4. Safety	3	
<ul style="list-style-type: none"> • Knowledge of the safety equipment to be carried, its stowage and use (see RYA Boat Safety Handbook, C8) • Fire precautions and fire fighting • Use of personal safety equipment, harnesses and lifejackets • Ability to send a distress signal by VHF radiotelephone • Basic knowledge of rescue procedures including helicopter rescue 		B B B B B
5. International Regulations for Preventing Collisions at Sea	3	
<ul style="list-style-type: none"> • Steering and sailing rules (5, 7, 8, 9,10 and 12-19) • General rules (all other rules) 		A B
6. Definition of position, course and speed	1	
<ul style="list-style-type: none"> • Latitude and longitude • Knowledge of standard navigation terms • True bearings and courses • The knot 		B B B C
7. Navigation charts and publications	2	
<ul style="list-style-type: none"> • Information shown on charts, chart symbols and representation of direction and distance • Navigation publications in common use • Chart correction 		B C C
8. Navigation drawing instruments	1	
<ul style="list-style-type: none"> • Use of parallel rulers, dividers and proprietary plotting instruments 		B
9. Compass	2	
<ul style="list-style-type: none"> • Application of variation • Awareness of deviation and its causes • Use of hand bearing compass 		B C B
10. Chartwork	6	
<ul style="list-style-type: none"> • Dead reckoning and estimated position including an awareness of leeway • Techniques for visual fixing • Satellite-derived positions • Use of waypoints to fix position • Course to steer 		B C B B A B
11. Tides and tidal streams	4	
<ul style="list-style-type: none"> • Tidal definitions, levels and datum • Tide tables • Use of Admiralty method of determining tidal height at standard port and awareness of corrections for secondary ports • Use of tidal diamonds and tidal steam atlases for chartwork 		B B B B

	Minimum time (hours)	Depth of knowledge*
12. Visual aids to navigation	1	
<ul style="list-style-type: none"> Lighthouses and beacons, light characteristics 		B
13. Meteorology	3	
<ul style="list-style-type: none"> Sources of broadcast meteorological information Knowledge of terms used in shipping forecasts, including the Beaufort scale, and their significance to small craft Basic knowledge of highs, lows and fronts 		B B C
14. Passage planning	4	
<ul style="list-style-type: none"> Preparation of navigational plan for short coastal passages Meteorological considerations in planning short coastal passages Use of waypoints on passage Importance of confirmation of position by an independent source Keeping a navigational record 		C C B A A
15. Navigation in restricted visibility	1	
<ul style="list-style-type: none"> Precautions to be taken in, and limitations imposed by, fog 		B
16. Pilotage	4	
<ul style="list-style-type: none"> Use of transits, leading lines and clearing lines IALA system of buoyage for Region A Use of sailing directions Pilotage plans for harbour entry 		B B B B
17. Marine environment	1	
<ul style="list-style-type: none"> Responsibility for avoiding pollution and protecting the marine environment 		B

* Depth of knowledge codes: **A** Full knowledge, **B** Working knowledge, **C** Outline knowledge