

# ‘LEARNING OUTCOMES’

## A qualified Day Skipper should comprehend:

1. A few simple Bends & Hitches...Reef Knot, Sheet Bend (*Dbt*), Bowline, Round turn & two half hitches.
2. How to Anchor, Moor, or come alongside a pontoon or another stationary boat.
3. Basic SAFETY requirements connected with: CALOR GAS, FUEL and Fire extinguishers. Jackstays, Harnesses, Lifejackets, Life-buoys, Dan-Buoys etc.
4. The use of a V.H.F (DSC) transceiver for sending safety messages including ‘Mayday’.
5. Parts of a SAIL: Luff, Throat, Head, Peak, Leach, Foot, Clew, Tack & the sheets & halyards to control them.
6. A few basic nautical terms and abbreviations: Bow, Stern, Stem, Draught, Port, Stb’d. Quarter, Leeward, Windward, Sheets, Halyards, Warps, L.O.A. L.W.L. L.A.T. M.H.W.S. M.L.W.N. D.S.C. C.D. H.A.T.
7. Work out Height of Tide at a time other than H.W or L.W.
8. Plot their position on a Chart using Lat & Long.
9. Application of Magnetic compass errors, and corrections for Variation & knowledge of Deviation.
10. Finding charted ‘TRANSIT’s’ & their use.
11. Plot a three bearing Fix (*3 P.L’s*) and find the Latitude & Longitude of the fix.
12. Construction of an E.P, using the correct T/S hr & rate.
13. Find C.M.G & S.M.G.
14. Find a C.T.S to make good a Ground Track, using the correct T/S hr & rate. Calculate E.T.A at destination.
15. Application of LEEWAY to either a C.T.S or E.P plot.
16. A basic understanding of GPS with its associated acronyms: WPT, SOG, COG, XTE, WGS84.
17. Plan a Short Daylight passage. } SOLAS V
18. Construction of a PILOTAGE plan for entry into an unknown harbour. } “
19. Both the lateral ‘A’ & Cardinal Buoyage system.
20. Basic Meteorology: Circulation of air around ‘Highs & Lows’, wind shifts with passage of ‘Front’s’.
21. Maintenance of an accurate LOG, events on passage etc. } SOLAS V
22. A reasonable knowledge of the I.R.P.C.S. (*International Regulations for the Prevention of Collisions at Sea*) } SOLAS V
23. An understanding of SOLAS V & its requirements.

The RYA stated aim of this course is: “To encourage high standards of seamanship and navigation among yachtsmen and women”.

### STUDENTS INDIVIDUAL LEARNING PLAN (*Course objectives*)

By the end of the course the ‘student’ should be competent in the theory of basic navigation and seamanship, sufficient to plan and undertake a daylight coastal passage at sea. As required by: SOLAS V.  
(V/34 ‘Safe Navigation & avoidance of dangerous situations’.2003) MCA/098.

