SYLLABUS DAY SKIPPER

Preparation for Sea

- Is able to prepare a yacht for sea, including engine checks, selection of sails, securing and stowage of all gear on deck and below

Deck Work

- Can reef, shake out reefs and change sails to suit prevailing conditions
- Can prepare anchor, mooring warps and take charge on deck when mooring alongside, coming to a buoy, anchoring, weighing anchor and slipping from a buoy or alongside berth

Navigation

- Is proficient in chartwork and routine navigational duties on passage including: taking and plotting visual fixes, use of electronic navigation equipment for position fixing
- Use of waypoints
- Working up to DR and EP
- Estimating tidal heights and tidal streams
- Working out courses to steer to allow for tidal stream, leeway and drift
- Knowledge of IALA buoyage
- Maintenance of navigational records
- Use of echo sounder and lead line

Pilotage

- Can prepare and execute a pilotage plan for entry into, or departure from, harbor
- Understands the use of leading and clearing lines
- Use of transits and surroundings as aids to pilotage

Meteorology

- Knows sources of forecast information
- Can interpret shipping forecasts and use a barometer as a forecasting aid

Rules of the Road

- Has a working knowledge of the international regulations for collisions at sea

Maintenance and Repair Work

- Understands and is able to carry out maintenance tasks
- Knows the properties and uses of common synthetic fiber ropes

Engines

- Knows how to change fuel and water filters, pump impeller and to bleed the fuel system

Victualling

- Understands how to victual a yacht

Emergency Situations

- Is able to take correct action as skipper for recovery of man overboard
- Understands distress flares and how to use a life raft
- Can operate a radiotelephone in an emergency and send a distress message
- Understands how to secure a tow
- Understands rescue procedures including helicopter rescue

Yacht Handling under Power

- Can bring a boat safely to and from an alongside berth, mooring buoy and anchor under various conditions of wind and tide
- Can steer and trim sails effectively on all points of sailing

Passage Making

- Can plan and make a coastal passage, taking account of relevant navigational hazards and limitations imposed by the type of boat and the strength of the crew

Night Cruising

- Has experienced sail cruising at night, including leaving and entering harbor
- Understands the special consideration for pilotage plans, keeping a lookout and identifying marks by night

Seasickness

- Working efficiency is unaffected/partially affected/severely affected by seasickness

Helmsmanship and Sailing

- Understands the basic principles of sailing and can steer and trim sails on all points of sailing
- Can steer a compass course, under sail and power

General Duties

- Has carried out general duties satisfactorily on deck and below decks in connection with the daily routine of the vessel