**COASTAL SKIPPER PRACTICAL SYLLABUS**

**1. Passage Planning**

Knowledge of:

* The effects of fouling on boat speed and fuel consumption

Understands:

* Fuel consumption at different
* speeds and can calculate fuel required for a passage, including reserve.
* Customs procedures
* Stability

Can:

* Plan a coastal passage, taking into consideration the capability of the vessel, navigation, victualling, weather, ports of refuge, tidal heights and tidal streams, publications required, and strategy

**2. Preparation for Sea**

Understands:

* What safety equipment is required for offshore passages

Can:

* Prepare a cruising vessel for sea, including stowage, safety briefing, watchkeeping, delegating responsibilities, equipment, and engine checks

**3. Pilotage**

Can:

* Prepare a pilotage plan, taking into consideration soundings, transits, clearing bearings, buoyage, port or harbour regulations, and tidal factors
* Pilot a cruising vessel by day and at night

**4. Passage-making and ability as Skipper**

Understands:

* The practical uses of integrated electronic aids to navigation, including AIS, radar, electronic navigational charts, (ENCs), and raster navigational charts (RNCs)

Can:

* Take charge of a yacht and direct the crew
* Organise the navigation, deck work and domestic duties of a cruising vessel on passage
* Be aware of the significance of meteorological trends
* Be aware of crew welfare on passage
* Use electronic navigational equipment for planning and undertaking a passage, including the use of waypoints and routes

**5. Yacht Handling under Power**

Can

* Control the cruising vessel effectively in a confined space under power, including all berthing and unberthing situations in a variety of conditions
* Avoid excessive use of power

**6. Yacht Handling under Sail**

Can:

* Use the sails to control the yacht in a confined space
* Anchor and moor in various conditions of wind and tide
* Sail efficiently on all points of sail, including downwind techniques

**7. Adverse Weather Conditions**

Understands:

* How to handle a cruising vessel in strong winds
* General conduct in restricted visibility Can:
* Prepare a cruising vessel for heavy weather
* Navigate in restricted visibility

**8. Emergency Situations**

Understands:

* The action to be taken when abandoning to a life raft, and during helicopter and lifeboat rescues
* How to carry out the aftercare requirements on a casualty who has been in the water

Can:

* Describe to a crew member to a member the effects of cold-water shock on a casualty who has been in the water
* Recover a man overboard under Power and Sail