



## ***PILOT COURSE – syllabus and pre-requisites subject to change***

### **Motor Cruising Advanced Pilotage**

Recommended prior learning: VHF/SRC, First Aid, knowledge to the level of Coastal Skipper/Yachtmaster Theory

Minimum age: 17

Duration: 2 days

Non-residential

#### **Passage Planning**

Understands:

- Victualing
- The importance of identifying ports of refuge
- Publications required
- Strategy
- Customs procedures

Can:

- Calculate the fuel required, including reserve
- Plan a coastal passage

#### **Preparation for Sea**

Understands:

- safety equipment for offshore passages

Can:

- prepare a motor cruiser for sea
- give an effective safety briefing

#### **Pilotage**

Understands:

- Tidal considerations
- GPS limitations in pilotage

Can:

- Prepare a pilotage plan with consideration of soundings, transits, clearing bearings, back bearings, buoyage, port or harbour regulations
- Pilot a motor cruiser by day and night

#### **Passage making and responsibility as a skipper (Daylight Hours)**

Understands:

- The significance of meteorological trends
- The importance of crew welfare, safety and control on passage

Can:

- Take charge of a motor cruiser and direct the crew
- Organise the navigational, deckwork, and domestic duties of a motor cruiser on passage
- Organise watch-keeping
- Integrate the use of traditional and electronic aids to navigation



### **Radar**

Understands:

- Advantages and limitations

### **Boat handling**

Understands:

- Characteristics of various hull forms and propeller configurations

Can:

- Control the boat effectively in a confined space, including all berthing and unberthing situations in various conditions of wind and tide
- Berth and unberth in simple situations using one engine and lines (on a twin engine boat)
- Avoid excessive use of power
- Demonstrate a practical understanding and correct use of power trim and trim tabs

### **Adverse weather conditions**

Understands:

- Action to be taken in rough weather
- The importance of boat control in waves and positioning to minimise the possibility of back injury
- Preparation for heavy weather and handling in strong winds
- Navigation and general conduct in restricted visibility

### **Emergency situations**

Knowledge of:

- How a vessel may be asked to assist in a search

Understands:

- Actions to be taken when abandoning to a liferaft and during helicopter and lifeboat rescues
- What to do in a medical emergency
- Towing and being towed
- How to issue distress by all available means

Can:

- Recover a man overboard dummy in all available conditions

### **Night Cruising**

Can:

- Take charge of a motor cruiser at night, including entering and leaving harbour
- Demonstrate the ability to keep a proper lookout and identifying lit marks and unlit positions by night