



# Adventures Offshore Maritime Pathways and Training Scheme



## Candidate Application Handbook





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## MARITIME PATHWAYS and TRAINING SCHEME (MPaTS)

### **Introduction.**

Adventures Offshore is charity that has been providing residential sailing voyages for young people and adults since 1964. Our beneficiaries form an integral part of the crew and participate in all activities aboard.

### **What is MPaTS?**

MPaTS has been developed as a hands on practical training scheme designed to provide prospective maritime employers with a supply of well rounded people, that have a genuine interest in the sector, for non-graduate roles.

### **Overview of the maritime industry**

The UK maritime sector employs 185,000 people and contributes nearly £40 billion to the country's economy. World seaborne trade is predicted to continue to rise over the next 10 years, meaning employment opportunities both at sea and ashore look set to expand. There are almost 26,000 active UK seafarers at sea, so not all roles involve being at sea on a superyacht or supertanker. Maritime careers exist in areas as diverse as renewable energy, marine biology and information and communications technology, or as traditional as ship building or sail making.

From Sail making to Sonar technology, Adventures Offshore Maritime Pathways and Training Scheme, will help set young people, with an interest in the sector, on a pathway towards their dream job in the maritime sector. We will equip you with some key skills and some experience at sea to evidence your interest in things maritime. We also aim to facilitate introductions to some prospective employers.

At the end of the training we expect to enable your CV to be the one that stands out to prospective maritime employers, and for you to be able to evidence the key skills that every employer is looking for. You will be somewhat down the pathway towards a maritime career ahead of the pack, and we anticipate that it will be you who gets that dream job.

Places on the course are limited. Applicants from coastal communities are particularly encouraged.

## **What MPaTS will do for you.**

We will provide you with training in a variety of maritime subjects including

- ◆ RYA Competent Crew certificate.
- ◆ RYA Powerboat Level 2 certificate and general boat handling.
- ◆ RYA First Aid certificate.
- ◆ Industry visits to local marine employers
- ◆ Advice on CV writing, job applications and interview technique.

See appendix A for details of the RYA certificate syllabus.

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## **Outline Programme.**

The course will be delivered over 12 consecutive days. A typical programme is shown below.

- ◆ Day1—Introduction to the scheme, then RYA First Aid course.
  - ◆ Day 2 to 4 RYA Competent Crew ( 3 days of 5 day session).
  - ◆ Day 5 Local Industry Visit.
  - ◆ Day 6 to 7 RYA Powerboat Level 2 course.
  - ◆ Day 8 to 9 Completion of RYA Competent Crew course.
  - ◆ Day 10 Final Voyage. Brush up on sailing skills.
  - ◆ Day 11 Visit to Harwich Port Operations
  - ◆ Day 12 Careers advice, CV writing skills.
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## **Who can apply.**

- ◆ Any young person between the ages 17 – 25.
  - ◆ Applications from coastal communities are encouraged.
  - ◆ A £50 deposit will be charged. This will be returned on completion of the course.
  - ◆ All accommodation, food and waterproof clothing will be provided as part of the course.
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## **How to apply.**

If you want to apply for a place on this scheme please

- ◆ Go to our website [www.offshore.org.uk](http://www.offshore.org.uk).
- ◆ Select Maritime Pathways and Trainings Scheme from the menu.
- ◆ Click on the Application Form button.

Or

Contact our office for a document pack.

[sailing@offshore.org.uk](mailto:sailing@offshore.org.uk)

01206 385071

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# APPENDIX A

## Competent Crew Syllabus

The Competent Crew course introduces the complete beginner to cruising and teaches personal safety, seamanship and helmsmanship to the level required to be a useful member of crew of a cruising yacht.

### 1. Knowledge of sea terms and parts of a boat, her rigging and sails.

Sufficient knowledge to understand orders given concerning the sailing and day to day running of the boat.

### 2. Sail Handling.

Bending on, setting, reefing and handling of sails.

Use of sheets and halyards and their associated winches.

### 3. Ropework.

Handling ropes, including coiling, stowing, securing to cleats and single and double bollards.

Handling warps.

Ability to tie the following knots and to know their correct use: figure-of-eight, clove hitch, rolling hitch, bowline, round turn and two half hitches, single and double sheet bend, reef knot .

### 4. Fire precautions and fighting.

Awareness of the hazards of fire and the precautions necessary to prevent fire. Knowledge of the action to be taken in the event of fire.

### 5. Personal safety equipment.

Understands and complies with rules for the wearing of safety harnesses, lifejackets and personal buoyancy aids.

### 6. Man overboard.

Understands the action to be taken to recover a man overboard.

### 7. Emergency equipment.

Can operate distress flares and knows when they should be used .

Understands how to launch and board a life raft.

### 8. Manners and customs.

Understands accepted practice with regard to: use of burgees and ensigns, prevention of unnecessary noise or disturbance in harbour including courtesies to other craft berthed.

Aware of the responsibility of yacht skippers to protect the environment.

### 9. Rules of the road.

Is able to keep an efficient lookout at sea.

### 10. Dinghies.

Understands and complies with the loading rules.

Is able to handle a dinghy under oars.

### 11. Meteorology.

Awareness of forecasting services and knowledge of the Beaufort scale.

### 12. Seasickness.

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

### 13. 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.

### 14. General duties.

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

# **RYA Level 2 Powerboat Syllabus**

Personal Clothing & Equipment

Boat Safety Equipment

Launching and Recovery

## **General Powerboat Handling:**

Familiarisation & slow speed handling

Holding off

Approach & Securing to a Mooring Buoy

Anchoring

Use of Steering & Hand Bearing Compasses

Planing speed - including trim tabs & power trim where available

## **Marina Work:**

Turning in a confined area

Leaving and Coming Alongside (various berths wind/tide directions)

Use of Springs Emergencies (practical):

Man Overboard Approach - Drift Down Method

Man Overboard Approach - Into wind Method

Recovery of a Man Overboard

## **Theory:**

Types of craft & Engines

GPS / Chart Plotters

I.R.P.C.S. (rules of the road) & local bylaws

Charts & Important Chart Symbols

Buoyage Systems

Pilotage & Passage Planning

Tides & Tidal Streams

Weather

## **Emergencies (Theory):**

Cold Shock and Immersion Hypothermia

Distress Signals: Means of issuing distress including DSC and VHF Mayday calls

Disabled craft

Emergency Action to prevent sinking

Fire precautions & fire fighting

Advice for vessels in restricted visibility

## **RYA First Aid Syllabus**

1. Understand the role of a first aider in regard to:
  - i. The importance of preventing cross infection
  - ii. The need for recording and/or reporting incidents and accidents
  - iii. Assessing a scenario and circumstances to ensure they act safely, promptly and effectively in an emergency
2. Can perform CPR to current protocols, and understand the differential for drowning.
3. Understand the importance of the recovery position and the need to modify it for small spaces.
4. Can administer first aid to those who are unconscious
5. Can identify types of external bleeding and control bleeding
6. Can use appropriate dressings, bandages and other first aid equipment available, including improvised dressings and bandages.
7. Understand the term shock, recognise and treat it
8. Can recognise and understands the treatment for hypothermia following immersion and/or exposure.
9. Recognise the signs of a reduced level of response, with particular reference to serious head injuries.
10. Can administer suitable first aid for:
  - i. breathing difficulties
  - ii. choking
  - iii. chest pain
  - iv. seasickness
  - v. diabetic emergency
  - vi. anaphylaxis
  - vii. hypothermia
  - viii. fractures
  - ix. seizures
  - x. burns, including scalds, chemical and electrical
  - xi. minor injuries including small cuts, grazes, bruises and small splinters
11. Can choose suitable first aid equipment