



## **PADSTOW HARBOUR COMMISSIONERS**

HARBOUR OFFICE  
PADSTOW  
CORNWALL  
PL28 8AQ

TEL: 01841 532239

padstowharbour@padstow-harbour.co.uk

[www.padstow-harbour.co.uk](http://www.padstow-harbour.co.uk)

The syllabus below will be modified by the PHC examiner to take in to account the local area of operation, type of vessel and the equipment on the vessel.

### **Application for Local Knowledge Endorsement.**

It is a requirement that the participant is in possession of a Commercially Endorsed qualification; appropriate to the intended area of operation.

The participants will be expected to produce a log of hours within the local area, upon arrival for the assessment as detailed in the PHC licencing guidelines Appendix 2.

A person wishing to obtain a **PHC LKE** will be required to present themselves at the Harbour Office at an arranged time, at which time they will be questioned on safe navigation of their vessel whilst in the area of operation being applied for.

### **Expected Standards of Knowledge**

#### **International Regulations for Preventing Collision at Sea.**

Full knowledge and practical application of steering and sailing rules Part B. section 1 (rules 4-9) and Part B, Sections 2 and 3 and a general knowledge of all other rules.

#### **Navigation**

Describe IALA Buoyage System A and demonstrate a knowledge of the direction of buoyage, recognition of marks from shape, colour, top- mark and light, within the local operating area.

Describe the procedure for taking the correct action for passing a cardinal mark.

Explain and describe the responsibilities of a look out.

Demonstrate a knowledge of good navigational practice while underway.

#### **Lights, Shapes and Sounds.**

Demonstrate a knowledge of light signals.



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Demonstrate a knowledge of day shapes.

Demonstrate a knowledge of sound signals.

### **Tides**

Describe the use of tidal curves and tide tables for calculation of tidal heights and depth of water.

Know the causes of spring and neap tides.

### **Meteorology**

Demonstrates a knowledge of the weather services available to shipping.

Defines visibility.

Recognise and respond to extreme weather forecast and emerging conditions.

Describes waves, sea and swell state.

### **Boat Handling**

Demonstrate a knowledge of wind, current and tidal stream on vessel manoeuvring/ handling.

Describe the effects of under keel clearance, squat and shallow water on the vessel manoeuvring.

Describe/ demonstrate the precautions when heavy weather is expected on the bar/ local area.

### **Local Knowledge**

Demonstrate a knowledge of local Byelaws, General directions, Harbour directions.

Sources of Local Notices to Mariners.

Demonstrate a knowledge of local Buoyage, Lights, Marks.

Knowledge of local Dangers to Navigation.

Knowledge of Minimum and Maximum depths over banks or obstructions.



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Knowledge of currents and abnormal tidal streams.

Demonstrate a knowledge of local safe landing places in different weather conditions and tides.

Demonstrate safe compass courses in and out of the local Harbour.

Demonstrate safe passage in unfavourable weather in and out of the Doom bar.

Any other items of local knowledge which the PHC examiner may consider to be necessary.

### **Note:**

The syllabus may be varied to reflect a particular limitation on area of operation intended by the applicant and the licence suitably endorsed.