

# **INTERNATIONAL YACHT TRAINING, Licensing Division**

## **INTERNATIONAL CERTIFICATE OF COMPETENCE (ICC) COURSE SYLLABUS, FRAMEWORK AND DEPTH OF KNOWLEDGE**

### **Overview**

This is a certificate for European waters where the ICC is required for operators of most vessels on both inland and coastal waters in a large part of the EC.

IYT may accept prior learning from other recognised Yachting establishments for those who wish to apply for recognition towards the ICC Examination.

**International Certificates of Competence can only be issued to British and Irish Nationals or candidates who are bona fide British or Irish residents.**

### **The certificate covers:**

- 1. Sailing Vessels up to 24 metres with a power endorsement up to 10 metres, to cover powered tenders**
- 2. Power driven vessels up to 24 metres**
- 3. Power driven vessels up to 10 metres**

The ICC will be issued and endorsed according to the applicant's evidence of competence presented to the School. It will also depend upon the vessel that the candidate is tested on. For example someone with an IYT Rib master Certificate is eligible to receive an ICC for a power driven vessel up to 10 metres, while a candidate with a Flotilla Skipper Certificate will be eligible for a Sailing Vessel up to 24 metres with a power endorsement of upto 10 metres.

It is the level of competence required for operators of private vessels in EU waters where the administration requires a permit to operate a vessel.

**Scope:** The length of the course will depend upon the experience level of the candidates. It must cover the requirements laid down in UN Resolution 40, with practical assessment and examination incorporating subjects including basic understanding and application of navigation, tides and currents, international collision regulations, pilotage, weather and forecasting, anchoring and berthing, buoyage, safety, passage planning and seamanship.

**Objective:** The expected learning outcome is that the student understands the basic theory and practical applications of:

Basic navigation, pilotage and passage planning  
Tides, Currents and Tidal calculations  
International and (Local) Collision Regulations and buoyage  
Weather and weather forecast information  
Safe boat handling and anchoring, berthing and seamanship  
Safety and contingencies

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**Entry Standard:** The Candidate should be 16 years of age or over.  
The Candidate should have completed either:  
**The Flotilla Skipper Certificate (Power or Sail); and/or have sufficient time on vessels including handling experience to have successfully completed the Flotilla Certificate (Power or Sail),**  
**or:**  
**The Small Powerboat and RIB Master Certificate; and/or have sufficient time on vessels including handling experience to have successfully completed the Small Powerboat and RIB Master Certificate.**

### **NOTES:**

- 1. If a potential candidate has sufficient time and experience the ICC Assessment can be taken without attending any course.**
- 2. A candidate who has the IYT Flotilla Skipper Certificate or above may apply for the ICC certificate without having to attend a course or passing the ICC assessment/exam.**
- 3. Any candidate wishing to obtain the “Inland Waters” Endorsement, MUST pass the CEVNI Test, even if they qualify for the ICC by reason of IYT Certificates held.**

**Certificate and/or Documentation:** To be issued after successful completion of all the modules:  
The IYT ICC Certificate

**Maximum Class Size:** 5 for the on board practical, 16 to 1 in class subject to classroom size.

**Candidate/Instructor Ratio:** 5 to 1 for the on board practical.

**Specific Staff Requirements:** Instructors will be appropriately qualified to IYT requirements.

### **Teaching Facilities and Equipment:**

**Facility:** Approved by IYT:  
IYT Member School’s classrooms.  
IYT Member School’s vessels.

**Course Equipment:** As needed and if part of the course is covered ashore  
PowerPoint Projector and computer  
Television and VCR  
Whiteboard or Blackboard  
Charts and nautical publications

### **Teaching Aids:**

**Visual Aids:** PowerPoint presentation Slides and Videos

**Textbook(s):** IYT Flotilla Skipper Textbook

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Reference Books: Admiralty or local versions of the following:

- 1 Sailing Directions
- 2 Tide Tables
- 3 Tidal Stream Atlases
- 4 International Code of Signals
- 5 List of Radio Signals
- 6 List of Lights
- 7 Notices to Mariners
- 8 Nautical Almanac
- 9 Navigational Tables
- 10 Mariners Hand Book

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## **Teaching Timetable**

Schools offering the ICC course can be flexible in the way and order the material is delivered. However the syllabus **MUST** be covered and the candidates assessed to the Depth of Knowledge outlined below.

## **Exam Policy**

A written and practical examination will be given when the candidate/s are ready.

The candidate must demonstrate the competencies, both theory and practical as outlined in the ICC Test Form;

For the CEVNI Exam the candidate must achieve 14 right answers out of the 16 questions contained.

## **Re-Testing Policy**

Where a candidate fails an examination, that candidate will be allowed to retake the theory and practical examination after further experience and training.

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## **Syllabus**

### **Module 13 - Theory, Practical And Assessment**

*The ICC is now required for operators of most vessels on both inland and coastal waters in a large part of the EC. International Certificates of Competence can only be issued to British and Irish Nationals or candidates who are bona fide British or Irish residents.*

#### **1. Preparation For Sea**

Checklist and Mechanical Checks

#### **2. Short Passage**

Each candidate executes a short pre-planned passage as skipper/captain.

Testing of all the following is required:

Man over board recovery

Alongside skills

360° turns

3 point turn

Navigation skills

Handling under Sail (if applicant is applying for sail)

Power Manoeuvres (if applicant is applying for power)

#### **3. Theory Test**

Regulations – Required For All Candidates

Navigation lights shapes and sounds, buoyage, harbour pilotage, local regulations and port radio requirements

Regulations and Pilotage – Required For Coastal

Chartwork, tides - heights and drying, basic position fixing and course to steer with tide and leeway

#### **2. CEVNI Test**

For Inland Waters only

CEVNI rules, lights, shapes (Code Européen des Voies de la Navigation Interieure)

#### **3. Submit a Menu and Victualling List**

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## **Depth of Knowledge**

One of 4 levels of Depth of Knowledge will be required for every subject within each training level, these levels are Introductory, Outline, Working and Complete, and the level for each is defined below:

### **Introductory**

The material is introduced to the candidate without the knowledge having to be retained. The candidate is shown how to carry out certain tasks or exercises, and is made aware of the correct and safe way of carrying these out.

### **Outline**

The candidate will need to demonstrate an outline knowledge of the syllabus and should be able to carry out basic tasks the correct and safe way with some supervision.

### **Working**

The candidate will need to demonstrate a working knowledge of the syllabus and be able to carry out tasks without prompting, in a correct and safe way.

### **Complete**

The candidate will need to demonstrate a thorough and complete knowledge of the syllabus and be able to carry out all the tasks without prompting or hesitation in a safe and correct way.

## **DOK**

The ICC is required for operators of most vessels on both inland and coastal waters in a large part of the EC.

### **Allows a successful candidate to:**

Be responsible for command of a vessel up to a maximum length of 80 ft /24 metres (either auxiliary powered sailing vessels or power vessels – per certificate endorsement) and its crew (either in inland or coastal waters per certificate endorsement).

### **Prerequisites**

Candidates are required to have either an IYT Bareboat Captain/Skipper Certificate or higher; or complete an IYT ICC course and pass a theory and practical test.

### **Competency requirements**

The candidate must be able:

To demonstrate basic working knowledge of the syllabus outlined in the Section “IYT Training Programme Syllabi”,

and;

Demonstrate sound working knowledge of the following:

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### **Navigational procedures**

The information supplied on a nautical chart such as  
Depth contours, hazards, height of tides, symbols and abbreviations.  
Plotting a position using latitude and longitude and triangulated bearings  
Tidal heights, rate of flow, tidal stream atlas, time of high and low water  
Information contained in the Nautical Almanac  
Set a magnetic course to steer allowing for deviation, variation and leeway  
Navigating in restricted visibility

### **Collision Regulations**

The International Regulations for the prevention of collisions at sea.  
Lights, shapes, sound signals.  
Traffic separation schemes, their purposes and crossing rules

### **Safety at sea**

Use and care of Lifejackets, buoyancy aids, fire extinguishers-types and uses, flares- hand held, parachute, smoke.  
Pre departure checks such as engine, fuel range, tools, first aid box, weather systems and precautions to be taken in adverse weather, float plan.  
Watchkeeping responsibilities, keeping a lookout, avoiding potential collision situations, navigation in confined channels, understanding sound signals and visual distress signals

### **For Inland Waterways**

Demonstrate sound working knowledge of the following:  
CEVNI: Code Europeen Des Voies De Navigation Interieure (Revision 2)