

Log Book For
Boating Charge
Certificates



Name: _____

Rank: _____

Group: _____

Address: _____

If under 17 years, date of Birth: _____

Basic Boathandling Certificate Requirements

A. PRELIMINARY

1. **Swimming**

Swim 50 yards in clothing appropriate for the type of boating and thereafter remain afloat for 2 minutes. This should take place in normal boating waters out of swimmers depth.

2. **First Aid**

Know how to recognise and treat hypothermia, shock and bleeding. Know how to administer A.R. and C.P.R.

B. THEORY

1. **Water Safety**

a) Understand the safety rules for boating activities. Know when it is safe to go afloat with particular reference to weather conditions and their effect on local hazards and tidal conditions.

b) Have a good knowledge of general water safety rules including non-contact swimming rescues.

a) _____ b) _____

2. **Boating Rules**

Understand the main boating rules of S.I. and any local rules or byelaws relating to the waters in question.

3. **Safety and Emergency Equipment**

Have a basic knowledge of lifejackets and buoyancy aids, and their testing and maintenance.

4. **Anchoring and Mooring**

Know how to -

a) use anchor.

b) tie up to a mooring buoy.

c) tie up alongside a quay or jetty (correct knots, allowance for tide, fenders).

5. **Emergency Procedure and Safety Precautions**

a) Correct boat trim. Do not overload. Good boat discipline.

b) Understand capsize drill.

c) Understand precautions to be taken when handling fuel (for Power Certificate).

C. PRACTICAL BOATING

- a) Row a dinghy single-handed - straight line, turning, picking up an object from the water, coming alongside, shipping oars, etc. Good control and good rowing style.
 - b) Get into a dinghy from the water.
 - c) Manage a multi-oared boat and crew.
- a) _____ b) _____ c) _____

For Sailing Certificates -

Hold the ISA Level 2 Sailing Certificate OR

- a. With the help of his crew, launch a small sailing dinghy, rig the dinghy correctly. Sail a triangular course - including all points of sailing. Demonstrate an understanding of sailing manoeuvres and theory, trimming of sails, use of centreboard, etc.
 - b. Under sail pick up a mooring buoy. Come alongside a slip or onto a beach correctly and without damage.
- a) _____ b) _____

For Power Certificate -

- a. Be able to secure a small outboard engine correctly to the Transom. Fuel the engine properly.
 - b. Start the motor and be able to steer the boat properly, round a mark and come alongside correctly, stopping the engine.
- a) _____ b) _____

Notes:

This certificate is designed as a temporary certificate to enable leaders to get waterborne with the intention of improving skill and being assessed for a full cert. It will only be issued once.

It is confined to safe enclosed waters and boating should only take place during the summer months and in good weather (Wind force 2 to 3).

The certificate is limited to the craft specified.

Valid season for certificate is 1st May to 30th September.

This certificate can only be issued by Provincial Water Activities Chairperson or deputised person.

Basic Boathandling Certificate:

This is to certify that _____
of _____ Group

Has been issued this Certificate for the period 1 May to 30th September _____

For use on enclosed safe waters in _____ (area)

Valid for Oars / Sail / Power

In type / name of Craft: _____

Signed: _____ Provincial Water Activities Chairperson

Date: _____

Provincial Stamp:

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| |
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Intermediate Charge Certificate Requirements

A. PRELIMINARY

1. Previous Certificate

Possess or complete the requirements for the appropriate Elementary Certificate(s).

2. First Aid

Pass the first aid and artificial respiration tests for the Scout Proficiency Badge.

B. THEORY

1. Water Safety

a) Have a good knowledge of safety rules for boating activities, including capsize and rescue drill.

b) Have a good knowledge of general water safety rules including non-contact swimming rescues.

2. Boating Rules

Have a good knowledge of the boating rules of the S.I. and any local rules or byelaws relating to the waters in question.

3. Safety and Emergency Equipment

Have a good knowledge of lifejackets and buoyancy aids, and help in their routine testing.

4. International Regulations for Preventing Collisions at Sea

Have a good knowledge of the Steering and Sailing Rules, Fog signals, Distress signals.

5. Parts of Craft, Rigging and Equipment

A good knowledge of parts of a boat, rigging and equipment, including ancillary and safety equipment. Know the importance of checking gear before going afloat. Understand and demonstrate good check list procedure.

6. Maintenance and Repair

Take part in cleaning and painting a boat and assist with minor repairs.

7. Anchoring and Mooring

- a) A knowledge of the main types of anchor and their uses.
- b) How to choose an anchorage.
 - a) _____
 - b) _____

8. Emergency Procedures and Safety Precautions

- a) Understand 'man overboard' drill and rescue techniques.
- b) Understand towing procedures and methods.
- c) Have a knowledge of the use of rescue craft in sailing events. For Power Certificates add,
- d) Safety precautions necessary in power craft, including use of fire fighting appliances
 - a) _____
 - b) _____
 - c) _____
 - d) _____

9. Sail Theory (for Sailing Certificate only)

- a) Know how and when to reef.
- b) Know something of the different rigs and types of sailing craft.
 - _____

10. Engines (for Power Certificate only)

Have a knowledge of the elementary principles of a motor boat engine.

11. Sea Tradition, Customs and Courtesy

- a) A knowledge of common sea terms.
- b) Flag etiquette - ensign, special ensign, burgees, Courtesy flags.
 - a) _____
 - b) _____

12. Meteorology

Know how to obtain weather forecasts and understand their importance.

C. ROPEWORK

- 1. **Knots** - bowline, double sheetbend, rolling hitch, fisherman's bend. Be able to whip the end of a rope.
- 2. **Splices** - eye and short splice.
- 3. Have a knowledge of the main types of cordage. Know the proper care of ropes and demonstrate correct coiling.
- 4. Demonstrate how to take soundings.
 - 1) _____
 - 2) _____
 - 3) _____
 - 4) _____

D. PRACTICAL BOATING

For Rowing Certificate -

1. Take charge of a multi-oared pulling boat and crew, and carry out manoeuvres - casting off, coming alongside, picking up a mooring buoy, progressing through crowded anchorage or between other obstacles, taking a small boat in tow, etc. Know how to balance the boat correctly, correct disposition of crew, and maintain boat discipline.
2. React effectively to a stimulated emergency decided by the examiner (e.g. loss of rudder, loss of oars).
3. Take charge of a rescue exercise.
1) _____ 2) _____ 3) _____

For Sailing Certificate -

1. Sail a course to best advantage. Demonstrate coming alongside at sea, picking up moorings, sailing between moorings and other hazards. Reefing. Know how to balance the boat correctly, correct disposition of crew, and maintain boat discipline. Launching and coming alongside correctly. Launching and coming onto a beach (if craft is of appropriate type) .
2. React effectively to a stimulated emergency decided by the examiner (e.g. loss of rudder, torn jib).
3. Man overboard drill. } in at least
Capsize drill. } force 3 to 4
1) _____ 2) _____ 3) _____

For Power Certificate -

1. Take charge of a small cruiser or motor launch with in-board or out-board motor and demonstrate engine starting, operation a gears, getting underway, steady steering, turning, controlling the boat in confined waters or crowded anchorages. Picking up a mooring buoy, taking a small boat in tow, etc. Know how to balance the boat correctly, correct disposition of crew, and maintain boat discipline.
2. Recognise minor faults in an engine in relation to compression, ignition, battery and charging systems, fuel supply and filters, intake and exhaust outlet.
3. Take charge of a rescue exercise and understand the use of a kedge anchor in an emergency.
1) _____ 2) _____ 3) _____

E. LOCAL KNOWLEDGE

Have a detailed knowledge of the area covered by the group's. 'restricted waters', with particular reference to any local hazards or dangers, and any changes to be expected in different weather conditions.

Intermediate Charge Certificates:

Rowing Certificate requirements completed _____

Sailing Certificate requirements completed _____

Power Certificate requirements completed _____

Equivalent Qualifications:

Provincial Stamp:

Advanced Charge Certificate Requirements

A. PRELIMINARY

1. Previous Certificate

Possess or complete the requirements for the appropriate Intermediate Certificate(s) and be over 17 years.

2. First Aid

- a) Occupational First Aid Certificate – FETAC Level 5 – OFAAA.
 - c) A knowledge of exposure – dangers, signs and possible treatment.
- or
- a) Occupational First Aid Certificate
 - b) Life Support 3 Award of R.L.S.S., CPR 3 Award of N.S.C. or Heartsaver AED of I.H.F.
 - c) A knowledge of exposure - dangers, signs and possible treatment.

a) _____ b) _____ c) _____

B. THEORY

1. Water Safety

Have a detailed knowledge of the general safety rules for boating activities, including capsizing and rescue drill. Understand the great responsibility of those in charge of activities afloat to ensure that all safety factors are observed, and the rules strictly adhered to.

2. Boating Rules

Have a detailed knowledge of the boating rules of the S.I. and any local rules or byelaws relating to the Group's 'day cruising waters'.

3. Safety and Emergency Equipment

Have a detailed knowledge of lifejackets, buoyancy aids, and other safety and emergency equipment (flares, heaving line etc.) and know how to inspect, maintain and (where applicable) test these devices correctly.

4. International Regulations for Preventing Collisions at Sea

Have a detailed knowledge of the Steering and Sailing Rules, lights, distress signals, sound signals.

5. Parts of Craft, Rigging and Equipment

A detailed knowledge of parts of the appropriate type of craft, its rigging and equipment, including ancillary and safety equipment.

6. Maintenance and Repair

- a) A good knowledge of boat maintenance, care ashore and winter storage.
- b) Be able to carry out simple boat repairs using relevant materials.
a) _____ b) _____

7. Anchoring and Mooring

- a) A good knowledge of tying up alongside - use of bow and stern lines, breast ropes, springs. Different tidal and wind conditions.
- b) A knowledge of moorings - how they may be made up and laid.
- c) Anchoring - complications, dragging, fouling etc.
a) _____ b) _____ c) _____

8. Emergency Procedures and Safety Precautions

- a) A good knowledge of the emergency and safety equipment which should be carried in a small boat.
- b) Proper planning and preparation of boating activities. Good checklist procedure. 'Tell someone'.
a) _____ b) _____

9. Sail Theory (for Sailing Certificate only)

- a) A good knowledge of the theory of sailing, sail balance and setting, shortening sail. Jury rig.
- b) Some knowledge of racing rules, and organisation of races and racing events.
a) _____ b) _____

10. Engines (for Power Certificate only)

A knowledge of engine faults, fuel systems, cooling systems and electrical circuits, and an ability to carry out simple running repairs and maintenance.

11. Sea Tradition, Customs and Courtesy

- a) Aid in distress.
- b) Flag etiquette - racing and signal flags.
 - a) _____
 - b) _____

12. Meteorology

Weather forecasts. Beaufort wind and sea scales, weather maps, clouds and fronts. A knowledge of the changes to be expected in sea conditions in the Group's 'day cruising waters' in various weather conditions.

13. Pilotage and Navigation

- a) A good knowledge of the lateral system of buoyage.
- b) A good knowledge of the compass, variation and deviation. Ability to take bearings.
- c) Be able to read a chart, plot a position and layoff a course, making allowances for tidal drift.
 - a) _____
 - b) _____
 - c) _____

C. ROPEWORK

Efficient demonstration of all knots and splices required for intermediate certificate, and a more detailed knowledge of cordage and care of ropes.

D. PRACTICAL BOATING

- a) Carry out the exercise and manoeuvres required for the intermediate certificate with a very high degree of efficiency, and in varying weather conditions.
- b) Whilst afloat, make up a form of sea anchor from available materials on the boat, and demonstrate its use.
- c) Demonstrate ability to steer a compass course.
 - Oars: a) _____ b) _____ c) _____
 - Sail: a) _____ b) _____ c) _____
 - Power: a) _____ b) _____ c) _____

E. LOCAL KNOWLEDGE

- 1. A good knowledge of the area of water designated as 'day cruising water' for the Group, including tides and currents, safe harbours, anchorages, and with particular emphasis on local hazards and dangers.
- 2. A good knowledge of Rescue Services - Lifeboats, helicopters, etc. - modes of operation and methods of contact.
 - a) _____
 - b) _____

Advanced Charge Certificates:

Rowing Certificate requirements completed _____

Sailing Certificate requirements completed _____

Power Certificate requirements completed _____

Equivalent Qualifications:

Provincial Stamp:

Equivalent Qualifications:

SAILING:

- Basic Boathandling Certificate - ISA Basic Skills
- Intermediate Certificate - ISA Improving Skills
- Advanced Certificate - ISA Advanced Boat Handling or ISA Adventure 1
ISA Day Skipper (Sail)

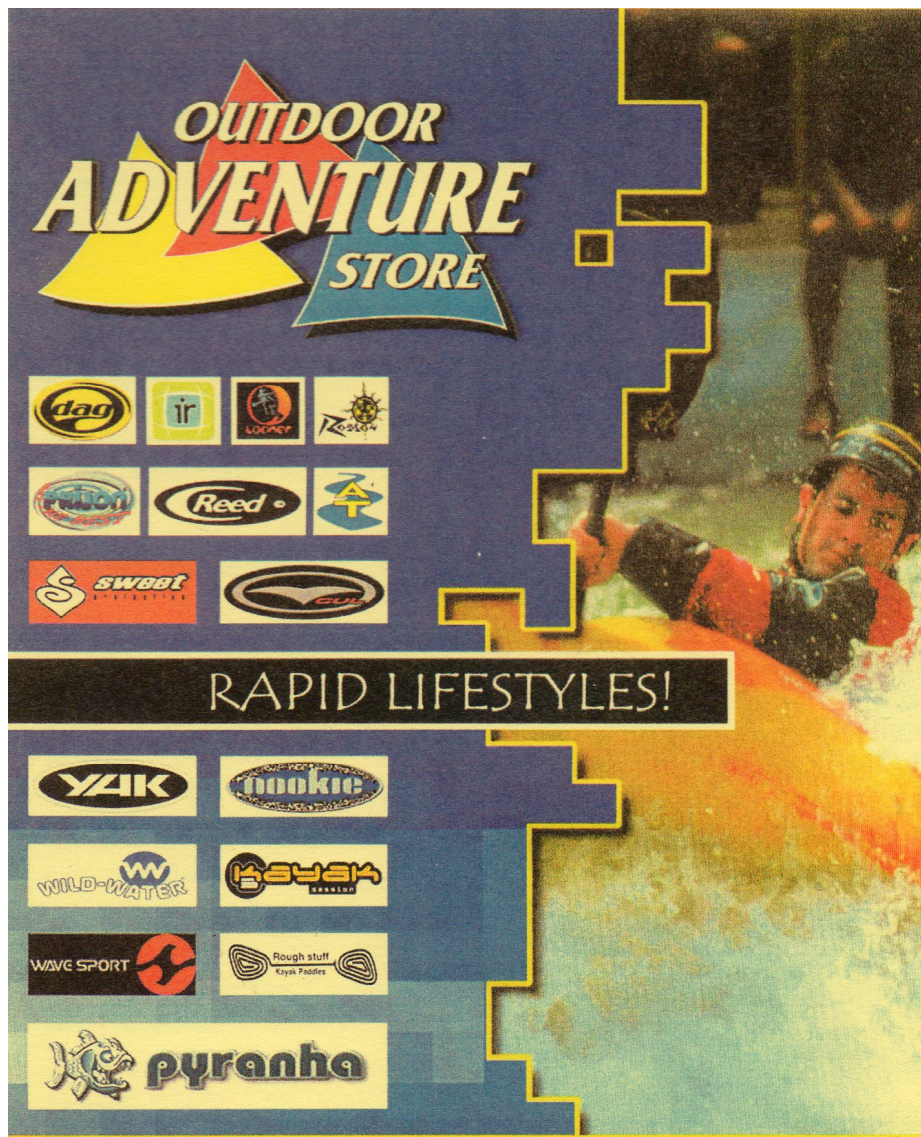
POWER BOATING:

- Basic Boathandling Certificate - ISA Introduction to Powerboating
ISA Inland Waterways Motorboat Crew's Certificate
- Intermediate Certificate - ISA National Powerboat Certificate
ISA Inland Waterways Motorboat Skipper's Certificate
- Advanced Certificate - ISA Safety Boat Certificate
ISA Advanced Powerboat Certificate
ISA Day Skipper (Motor)










Those covering as safety/rescue boat should also hold the ISA Safety Boat Certificate (Coastal endorsement if required).

Notes:






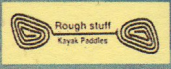
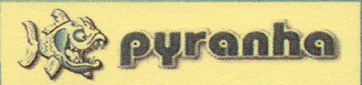
- Large displacement Power or Sailing boats require Yachtmaster or Coastal Skipper Certificates.
- Holders of the above certificates should still be assessed for local knowledge, experience with the relevant craft and general experience.
- Refer to the Latest Safety Guidelines booklet for information on Safety. Lifejackets and Qualifications.
- Ensure all Craft carry adequate Marine Insurance / Boat Certificate.
- Be aware of the law - especially regulations relating to towing of boats and trailers.
- The use of PWC / High-Speed craft is regulated in many areas and the various bylaws / age restrictions should be followed.
- For Powerboat Tests the Syllabus of the ISA powerboat logbook gives a good overview and a detailed diagram of the "Test Circuit" to be used in examining for the coxswain section of the various certificates.
- ISA Sailing and Powerboat scheme booklets are available from Marine Stores or ISA.
- Further Information available from Sea Scout website at <http://www.scouts.ie>



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