

## Day Skipper Intermediate Course Outline

### Shore-Based Course

**Requirements at start date:** ISPA Competent Crew Shored-Based Course. Preferably with 20 hours practical experience, e.g. Competent Crew Course.

**Course Content:** ISPA Day Skipper workbook completed by either: classroom course, or correspondence course, or home study.

**Seamanship Sail 2:**

Module Assessment 1 **OR**

**Seamanship Power 2:**

Modules Assessments 1(a) 1(b)

**In addition:**

Modules Assessments 2(a) 2(b)

Module 2(c) is provided for reference purposes only

Modules Assessments 3(a) 3(b) 3(c) 3(d)

Module Assessment 4

Modules Assessments 5(a) 5(b) 5(c)

Modules 5(c) is provided for use for Passage Planning Practical

**Minimum Duration:** 20 hours.

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### Day Skipper Practical Course

**Requirements at start date:** International Certificate of Competency Competent Crew Certificate. ISPA Day Skipper Shored-Based Course.

**Course Content:** Complete the following Day Skipper Practical standard requirements:

**Seamanship Sail 2 Practical OR**

**Seamanship Power 2 Practical**

**In addition:**

General Seamanship 2 Practical

International Buoyage System Practical

Collision Avoidance Practical

Tides and Currents Practical

Weather 1 Practical

Passage Preparation Practical

Passage Planning Practical

**On the water course duration:** 20 hours, OR 40 hours, if Day Skipper Shored-Based Course has not been completed by start date.

On the Water Practical "Sail Only"

Seamanship Sail 2 Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the Seamanship Sail 2 Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Module 1
2. Demonstrate while under sail:
  - Foresail and mainsail trim using telltales
  - Trimming foresail/mainsail together to form an effective slot and maximize performance
  - How to correct lee and weather helm to balance the boat
  - How to flatten the sails for increasing wind speed
3. Be able to identify and take immediate action, when:
  - Reefing is necessary
  - Shaking the reef is necessary
4. Demonstrate the ability to "Heave to" and progressively reduce sail for increasing wind conditions
5. Demonstrate the ability to progressively increase sail for decreasing wind conditions
6. Demonstrate the ability to sail a figure eight, while giving the correct instructions to a crew member to ensure safety and correct basic sail trim
7. Demonstrate the ability to give clear instructions to crew, using the correct terminology and without jeopardizing safety
8. Demonstrate the ability to safely control a vessel under sail and be responsible for the safety of the vessel and crew, while sailing in local waters during daylight, in moderate wind and sea conditions

On the Water Practical "Power Only"

Seamanship Power 2 Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the Seamanship Power 2 Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Modules 1(a) 1(b)
2. Demonstrate the use of a bow thruster, if fitted
3. Demonstrate the use of a stern thruster, if fitted
4. Demonstrate safe maneuvering, in a confined area, with either a single screw or twin screw powerboat
5. Demonstrate safe, low and high speed, handling
6. Demonstrate the correct use of trim tabs to achieve fore and aft, and side to side optimum attitude
7. Demonstrate the ability to perform a, fast run, figure of eight without jeopardizing safety
8. Demonstrate the ability to give clear instructions to crew, using the correct terminology
9. Demonstrate the ability to safely operate a power driven vessel and be responsible for the safety of the vessel and crew, while operating, in local waters during daylight, in moderate wind and sea conditions

On the Water Practical "Sail and Power"

General Seamanship 2 Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the General Seamanship 2 Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Modules 2(a) 2(b)
2. Demonstrate the ability and the understanding of the obligations and duties of a skipper
3. **Docking:** With one crew to assist and using the single-line docking technique, demonstrate:
  - Correct placement of dock lines and fenders
  - Where to look for indications of wind and current
  - Correct use of wind and current
  - How to dock the vessel bow first
  - How to dock the vessel stern first
  - Minimum use of power
  - Correct use of prop walk
  - Use of slip lines
4. Demonstrate correct placement of the "center vessel" docking-line when wind and/or current are directly off the dock
5. Demonstrate how to tie to a fixed dock in tidal waters
6. Briefly explain how to exit from a raft
7. Describe the requirements for the entry and exit of a lock
8. Demonstrate how to tie to and untie from a mooring buoy
9. **Anchoring:** Demonstrate a safety check on the anchor and rode, prior to leaving the dock
10. Demonstrate how to measure the rode out by hand
11. Using all of the basic requirements for a secure anchorage (outlined in module 2b) demonstrate under power and using one crew, the correct procedure to anchor the vessel, with one anchor off the bow
12. Demonstrate the use of a trip line
13. Demonstrate how to calculate the length of rode in tidal waters
14. Demonstrate the ability to follow manufactures instructions for a windlass, if fitted
15. State:
  - The limitations of the anchor in use
  - The procedure, if a vessel is dragging at anchor
16. Demonstrate under power using one crew, the procedure to weigh anchor
17. Demonstrate how to break out a trapped anchor

On the Water Practical "Sail and Power"

International Buoyage System Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the International Buoyage System Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Modules 3(a) 3(b)
2. Demonstrate a working knowledge of:
  - The general direction of Buoyage
  - The local direction of Buoyage
  - Navigational aids, e.g. lights, buoys, and day beacons
3. Demonstrate knowledge of the International Buoyage System by identifying and locating on a chart all navigational buoys encountered during the practical course
4. Be able to answer questions correctly, from the instructor, on any type of buoy

On the Water Practical "Sail and Power"

Collision Avoidance Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the Collision Avoidance Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Module 3(c)
2. Identify the capacity plate on a small craft and be able to read:
  - The "recommended gross load capacity"
  - The "recommended safe limits of engine power"
3. Demonstrate the knowledge of all of the collision regulations in the Competent Crew manual
4. Demonstrate a basic working knowledge of the "International Regulations for Preventing Collisions at Sea" Module 3(c) by demonstrating:
  - The use of collision bearings
  - The basic rules in Narrow Channels
  - The basic rules in Traffic Separation Schemes
  - Proper use of a radar reflector
  - The basic rules for conduct of vessels in restricted Visibility
  - The sound signals for use in restricted visibility
  - The sound signals for use when maneuvering or warning another vessel
5. Describe the lights on vessels under 50 meters
6. Describe the lights on vessels over 50 meters
7. Be able to recognize day shapes used on vessels

On the Water Practical "Sail and Power"

Tides and Currents Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the Tides and Currents Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Module 3(d)
2. Demonstrate the ability to read Tide and Current tables primary and secondary stations to determine:
  - The general direction of current in a given area at any point in time
  - When to transit a pass at slack water
  - The tidal range and depth of water, for a given anchorage, to determine the required length of rode for anchoring overnight
3. Considering the draft of the vessel, demonstrate the ability to determine when there is enough depth to allow the vessel to pass safely over, or through a navigational hazard
4. Identify the flood and ebb current arrows on a chart
5. Determine when daylight savings time is in effect for the geographical area

On the Water Practical "Sail and Power"

Weather 1 Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the Weather 1 Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Module 4
2. For the geographical area where a passage is to take place, demonstrate the ability to:
  - Collect weather information from weather forecasts and accurately describe the conditions expected for that day
  - Make a prudent decision on the capabilities of the vessel and crew to operate safely in the weather forecasted
3. Describe local weather and water conditions that might occur with little warning at anytime during the year and could prove to be a hazard for the Day Skipper sailing in local waters
4. Be able to interpret notices to shipping
5. Be able to identify
  - Wind over tidal current
  - Shallow water areas where high winds could cause a rapid build up of high wave conditions
6. Demonstrate the use of the "Weather Reference Guide" provided in Module 4 to identify expectations from different weather patterns
7. Demonstrate the use of the "Wind Scale For Open Sea Conditions" table provided in Module 4 to assist in translating the following standard meteorological terms describing wind, into wind speeds and expected conditions:
  - Light winds
  - Moderate winds
  - Strong Winds
  - Small Craft Warning
  - Gale Warning
  - Storm Warning



On the Water Practical "Sail and Power"

Passage Preparation Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the Passage Preparation Practical, the candidate is required to:

1. Complete the Day Skipper Workbook: Module 5(a)
2. Complete a vessel safety equipment check out as outlined in (but not limited to) Module 5(a)
3. Complete a vessel check out as outlined in (but not limited to) Module 5(a)
4. Describe how to rig jack lines that will prevent the crew from falling overboard
5. On Sailboats
  - Identify the safe and dangerous areas
  - Complete a basic checkout of the condition of sails, running rigging and standing rigging, and location of all sail related equipment
6. Demonstrate the ability to use the boat systems
7. Complete all of the daily checks outlined in Module 5(a)
8. Prepare a Trip Plan, state where it should be filed and when it should be updated

On the Water Practical "Sail and Power"

Passage Planning Practical

Instructor's Name: \_\_\_\_\_ # \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To complete the Passage Planning Practical, the candidate is required to:

1. Complete Day Skipper Workbook: Module 5(b)
2. Identify on a chart:
  - The title block
  - Compass rose
  - True north
3. Demonstrate the ability to use Chart # 1 (or list of symbols) by identifying the following on a chart:
  - Chart datum at any given location
  - Rock hazards
  - Underwater hazards
  - The shallow water
  - Different types of sea bed
  - Any local navigational hazards
  - Overhead or submerged power cables in the local area
4. Demonstrate being able to transfer a position accurately from one chart to another
5. Demonstrate the proper care of charts
6. Showing proper use of a logsheet, demonstrate the ability using basic navigation to:
  - Plot a GPS reading onto a chart
  - Read off the latitude and longitude of a known position on the chart
  - Plot the vessels position and update with primary fixes using a hand bearing compass, Douglas protractor and logsheet
  - Work out basic speed, distance, using  $60 \times D = S \times T$
7. Demonstrate basic safe navigation and piloting techniques outlined in Module 5(c)
8. Demonstrate the ability to safely navigate a vessel on short day passages, in local waters, during daylight, in moderate wind and sea conditions by standing a rotational navigation watch shared with other candidates from sunrise to sunset, for the duration of the practical course