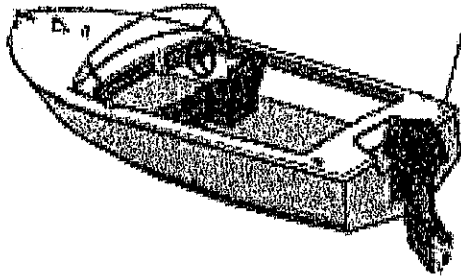


## Section 1 activities

### Activity 1

Label the picture of this boat using the list of terms provided.

- Bow
- Stern
- Chine
- Keel
- Transom
- Helm
- Deck
- Port side
- Starboard side



### Activity 2

The two main kinds of boats are displacement and planing. In your own words what are the key differences between the two?

Displacement

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Planing

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### Activity 3

The master of a boat is responsible for ensuring the boat is seaworthy for the voyage. Failure to do puts lives at risk and may lead to a breach of your safety obligation. Write a list of conditions that, if met, will ensure a seaworthy boat.

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### Activity 4

What boats require registration?

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Where are the registration numbers required to be displayed on a planing hull?

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What is the minimum height for registration numbers on a planing hull?

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Where may the registration numbers be displayed on a displacement hull?

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What is the minimum height for registration numbers on a displacement hull?

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Where must the registration label be displayed on boat?

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For a tenders to be exempt from registration, what distance must the tender stay within the mother boat?

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Tenders must have the correct markings. What are the markings they require?

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How does the master of a boat determine the safe carrying capacity of the boat?

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When boating outside of smooth waters what is the recommended reduction of capacity?

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Explain the general safety obligation.

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## Section 2 activities

### Activity 1

A trip plan is important for a safe day on the water. Prepare a list of tasks in the table below under the headings 'what to do' and 'how to do it'.

What to do	How to do it
Example: tell someone where you are going	Leave a note on the fridge stating destination and estimated time of return and emergency contact numbers like Water Police.

### Activity 2

Most boating incidents occur due to poor trip preparation. In the table below list problems or emergencies that could happen to you on the water. Also list the equipment you would need to have on board to prevent the situation.

Type of problem	Equipment to cope with problem
Example: engine breakdown—drifting towards rocks	An anchor to secure the boat, a V-sheet or flares to attract attention, a marine radio to call for help.

### Activity 3

Should you refuel portable tanks on the boat?

Yes or no \_\_\_\_\_

### Activity 4

Using the secondary port information on the page 41, calculate the high and lows tides for Brunswick Heads on April 17th and 18th.

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### Activity 5

The preparation of your boat is of utmost importance; if you don't do your pre-departure checks it may let you down. List the main tasks and checks for your boat, its machinery and equipment before each boating trip.

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### Activity 6

Routine maintenance must be carried out on a regular basis. List the tasks you would perform on the following areas of your boat.

Hull \_\_\_\_\_

Engine \_\_\_\_\_

Steering \_\_\_\_\_

Controls \_\_\_\_\_

Electrical \_\_\_\_\_

Batteries \_\_\_\_\_

Fuel system \_\_\_\_\_

Safety gear \_\_\_\_\_

### Activity 7

All good boaters will carry a tool box and spares onboard. Make a list of tools and spares you think you would carry on your boat.

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## Section 3 activities

### Activity 1

List some factors that affect the manoeuvring of a boat.

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### Activity 2

The diagrams below show two different windage situations. Out of the two which one would be easier to berth your boat alongside the jetty and why?




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### Activity 3

The diagrams below show two different tidal situations, out of the two which one would be easier to berth your boat alongside the jetty and why?




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### Activity 4

Propellers are either left or right handed, named by the direction they rotate in forward propulsion, in the following two pictures name the propellers.




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### Activity 5

Transverse thrust has a tendency to walk the stern of your boat in a certain direction depending on whether your propeller is left- or right-handed. Which way will the stern walk on these two boats when in reverse?

Right-handed

Left-handed

### Activity 6

With a right-handed propeller, it would be easier to berth alongside a jetty with:

A port side to jetty

B starboard side to jetty

### Activity 7

List the main steps involved in launching a boat from a trailer.

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### Activity 8

What considerations should be made before anchoring a boat?

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### Activity 9

If you wished to anchor in 10 m of water, how much anchor line should be used in average weather conditions?

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## Section 4 activities

### Activity 1

When going upstream (away from the ocean), which side of the boat should you keep the port lateral mark?

- A pass with it on your port side
- B pass with it on your starboard side

### Activity 2

How is the buoyage direction marked on a chart?

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### Activity 3

If you see a mark that is yellow and black in colour and it has two black cones pointing inwards, what is it and what side do you pass it?

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### Activity 4

If you see a North Cardinal mark and you are unsure which way North is, how could you work it out?

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### Activity 5

List five things a special mark could be used for.

- 1 

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- 2 

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- 3 

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- 4 

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- 5 

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### Activity 6

How should you keep a proper lookout?

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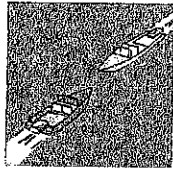
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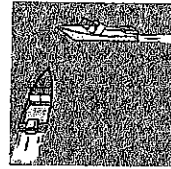
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### Activity 7

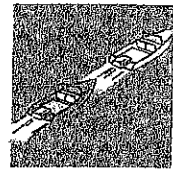
Circle the boat required to give way in the following pictures



Head on



Crossing



Overtaking

### Activity 8

Which boats have special rights over power boats?

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### Activity 9

By law, when must navigation lights be displayed?

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### Activity 10

A speed limit of 6 knots or less within 30 m applies to:

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### Activity 11

What is your responsibility in relation to the wash your boat creates?

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### Activity 12

What is the legal alcohol limit on the water?

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### Activity 13

Within what time must you report the incident, and who should you report to?

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### Activity 14

When operating your boat near shipping channels which radio channels should you monitor for up-to-date information on local traffic movement of larger ships?

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## Section 5 activities

### Activity 1

Prepare emergency response checklists applicable to your own boat for each of the following situations—make sure you include steps that are applicable only to your own boat.

Example:

#### Abandoning the boat

- Ensure all persons are wearing PFDs.
- Make appropriate call on the marine radio, to notify rescue authorities of the situation.
- Light a flare if you know it will be seen.
- Activate EPIRB if necessary.
- Assemble all safety equipment that may be needed or useful.
- Keep everyone together and calm.
- Stay with the boat and huddle together. Swim only if close to the shore.

#### Fire on board

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#### Disabled boat

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#### Person overboard

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### Activity 2

A person on board your boat has fallen into the cold water and, when retrieved, you believe the person is suffering from hypothermia. What are the main principles in administering first aid to the victim?

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### Activity 3

List some of the signs a person might show if suffering from heat exhaustion.

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

### Activity 4

What first aid steps would you take for heat exhaustion?

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### Activity 5

A person on board your boat has fallen unconscious. What do you do?

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## Section 6 activities

### Activity 1

What type of marine radios require operator's licences?

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### Activity 2

List six distress signals you could use to notify others of an emergency situation.

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_
- 6 \_\_\_\_\_

### Activity 3

What are the distress calling channels for each of the three radios?

- VHF \_\_\_\_\_
- HF \_\_\_\_\_
- 27 MHz \_\_\_\_\_

### Activity 4

For what typical reason would you use:

The international distress call (Mayday)?

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The international urgency call (Pan Pan)?

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The international safety call (Saycureetay)?

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### Activity 5

Write out what you would say in a routine call to a volunteer marine rescue group requesting a tow.

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### Activity 6

List the four main reasons you believe a mobile phone should not be used for a substitute to a marine radio.

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_

# Please give us your feedback on this Workbook and your BoatSafe Course

The licensing process is a key ingredient in improving boating safety. Competent skippers are safe skippers.

Maritime Safety Queensland invites your feedback, both on the quality of this workbook and the course you undertook to qualify for your Recreational Marine Driver Licence or Personal Water Craft Licence. Your response will assist Maritime Safety Queensland in improving marine safety throughout the state.

Please take the time to fill in this survey, and mail free of charge to: **Reply Paid, Maritime Safety Queensland, Marketing and Education Unit, PO Box 2595, Brisbane Qld 4001.**

## Your feedback – BoatSafe Workbook

Please rate the accuracy of the following statements about the BoatSafe Workbook between 1 to 5 (circle the relevant response - 1=strongly agree, 2=agree, 3=indifferent, 4=disagree, 5=strong disagree).

I found the BoatSafe Workbook easy to read and understand	1	2	3	4	5
In general, I found the Workbook contained too much information.	1	2	3	4	5
The Workbook gave me a good start to boating knowledge.	1	2	3	4	5
The Workbook has encouraged me to learn more about boating.	1	2	3	4	5
The Workbook covers all the necessary skills/knowledge required to complete my BoatSafe course.	1	2	3	4	5
The illustrations in the Workbook complimented the content.	1	2	3	4	5
The activities at the end of each chapter assisted my learning.	1	2	3	4	5
After reading the Workbook I believe I will be a safer boatie.	1	2	3	4	5
After reading the Workbook I am now familiar with my legal obligations as a boatie.	1	2	3	4	5

Was there a topic that could have been covered more comprehensively? Yes No

If so, please list in order of preference.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Rate from 1-5 the content and clarity of the following sections (circle the relevant response - 1=strongly agree, 2=agree, 3=indifferent, 4=disagree, 5=strong disagree).

Boat check	1	2	3	4	5
Safety equipment	1	2	3	4	5
Maneuvering	1	2	3	4	5
IALA buoyage system	1	2	3	4	5
Emergency response	1	2	3	4	5
Emergency communication	1	2	3	4	5

Where did you acquire your copy of the BoatSafe Workbook?

- Newsagency  Fishing or boating retailer  
 Queensland Transport customer service centre  
 Maritime Safety Queensland regional office  
 As part of my BoatSafe Course  Ordered online  
 Other \_\_\_\_\_

If you bought the Workbook, please rate the value for money from 1-5. (circle the relevant response - 1=excellent value, 2=good, 3=indifferent, 4=poor value, 5=very poor value).

1 2 3 4 5

## Your feedback – BoatSafe course

What location did you conduct your BoatSafe theoretical course and the practical component?

What was the name of your BoatSafe instructor?

Have you had any previous boating experience? If yes how many years?  No  Yes \_\_\_\_\_

Do you believe you need previous boating experience to do this course?  No  Yes

What was your mode of assessment?

- Assessment of your prior boat experience  
 Completion of the full BoatSafe course

How long was your course (practical and theory combined)?

- <5 hours  <6 hours  6-7 hours  7-8 hours  
 8-9 hours  >9 hours

How long were you at the helm?

- <15 mins  15-30 mins  >30 mins

Other \_\_\_\_\_

Do you recall how long the vessel spent on the water?

- <1 hour  1-2 hours  >2 hours

What part of your course could have had increased emphasis?

- Boat handling / manoeuvring  
 Launch / recover your vessel (at the boat ramp)  
 Safety Equipment  Collision Regulations  
 IALA Buoyage System  Emergency Procedures  
 Anchoring  Man overboard recovery  
 Berthing / unberthing  Maintaining a proper lookout  
 Navigation  Operating on a plane

## About you

What is your gender?

- Male  Female

What is your age?

- <25  25-35  35-45  45-55  >55

General comments \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Clip out this page and send to: Reply Paid, Maritime Safety Queensland, Marketing and Education Unit, PO Box 2595, Brisbane Qld 4001.