



AUSTRALIAN LIFESAVING
ACADEMY

**IRB Crew Certificate
Learner Guide**



Acknowledgments

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The National Education Committee

The IRB Review Panel

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Terminology

The following terms are used throughout this guide.

IRB - Inflatable Rescue Boat

IRB Personnel - Includes both IRB Drivers and IRB Crew persons

Marine Licence - Licence to drive a recreation vessel (required in most states)

Hull - The IRB not including the motor and ancillary equipment

Icons

The following icons (symbols) are used throughout this guide to indicate the types of activities you will be undertaking as you work through the module.



Course Aim and Objectives

This icon is used to bring attention to the course aims and objectives.



Individual Learning Activity

This icon indicates that learners are required to undertake an individual learning task. This will usually involve the documenting of individual thoughts and ideas.



Group Learning Activity

This icon indicates that learners are required to undertake a group learning task. Group activities may be completed in pairs, trios or larger groups.



Remember this!

This icon is used to recap important and critical issues or content that learners should pay particular attention to.



Assessment Activity

This icon indicates that learners are required to undertake an individual assessment of their skills and/or knowledge. This may involve completion of a scenario, a set of multiple choice questions or a practical assessment.



Course Introduction



The aim of this course is to help you develop skills and knowledge to effectively participate as crew in rescues using an IRB.

This course leads to the SLSA Award IRB Crew Certificate. You will also develop knowledge and skills to enable you to demonstrate competence in the nationally recognised unit of competency:

- PUASAR015A Crew small powercraft in a rescue operation.

This unit forms a part of the nationally recognised PUA31310 Certificate III in Public Safety (Aquatic Search and Rescue).

Pre-requisites

To enter the IRB Crew Certificate course you must have met the following course pre-requisites.

- Minimum of 15 years of age on the date of final assessment
- Hold the SLSA Bronze Medallion

Course Outcomes

By the end of this course, you will be able to:

Understand the roles and responsibilities of an IRB Crewperson

- List the duties of an IRB Crewperson
- List the safety considerations when crewing an IRB

Crew an IRB

- List the different classes of IRBs
- Identify the components of an IRB and ancillary equipment
- Contribute to the safe and efficient launching of an IRB
- Demonstrate safe crewing positions while negotiating the surf
- Perform emergency procedures
- Observations, hazards and risks are identified and clearly communicated to the driver

Maintain an IRB

- Perform pre-operational checks and preventative maintenance of the IRB hull
- Perform post-operational maintenance of the IRB hull
- Report major wear or damage according to organisation procedures

Perform rescues in an IRB as a crewperson



- Perform conscious and unconscious patient pick-ups
- Perform complex rescues including swimming rescues, sailboarder and kite surfer rescues.

Your current skills and knowledge (RPL)

You may already have some of the required knowledge and/or skills for this course. Perhaps you completed similar training activities in previous work or learned them from performing your job or in another training course.

If you can demonstrate to your Facilitator/Assessor that you are competent in a particular unit of competency, you will not need to repeat the training for it. This is called Recognition of Prior Learning or RPL. Your prior learning is recognised when you can successfully demonstrate that you are already competent.

If you feel confident you already have some or all of the competencies delivered in this module, ask your Facilitator/Assessor for a copy of the RPL Information Kit which includes a Self-Assessment Checklist for the course. You can check yourself by completing self-assessment.

If you feel that you can demonstrate competency, talk to your Facilitator/Assessor about having this formally recognised. Your Facilitator/Assessor will then help you to provide evidence of competency.

Competency can be demonstrated in a number of ways, and most commonly it is done by:

- showing you already have a recognised qualification which delivered the same unit/s of competency OR
- undertaking the assessment tasks for the course.

Talk to your Facilitator/Assessor for more information about RPL.

What you need to complete this course

You need:

- a fully-qualified IRB Training Officer (trainer)
- an experienced and qualified IRB Driver (may be the trainer)
- appropriate PPE (e.g. wetsuit, sunscreen, rash vests, Gath helmets, PFDs)
- SLSA Powercraft Manual 7th Edition
- this learner guide – designed to keep your own notes together
- access to IRB operating procedures
- opportunities to undertake assessment activities, including access to fully-equipped IRB



Topic 1 – Course Introduction



This topic will help you answer the following questions:

1. What is this course about?
2. How will this course be assessed?
3. What are the roles and responsibilities of IRB personnel?
4. What are the safety issues when operating an IRB?
5. What is the Powercraft Code of Conduct

Most of the content for this topic is in the SLSA Powercraft Manual 7th Edition. Your trainer will tell you when to refer to the Manual. This workbook contains the training activities and space for your notes.



Remember this!

- *Safety is the primary consideration in all IRB operations, be aware of your limitations*
- *The IRB is a high profile and expensive piece of equipment.*

The IRB is the single most expensive piece of rescue equipment on our beaches. All qualified drivers and crews are responsible for looking after the equipment and it is expected that all drivers and crews will treat the boat and motor with the utmost care and respect.

The IRB is a high profile piece of equipment – it attracts attention in use – and all crew must be aware of their responsibility to take training seriously and not run the risk of being seen as sky larking.

Safety is the primary consideration in all IRB operations. Injuries are common for those who do not follow standard operating procedures, so be aware of your own limitations and follow all reasonable instructions exactly and immediately.



IRB Safety

Reference: Powercraft Manual, 7th Ed, p 11-17

Throughout this course, your trainer will emphasise and demonstrate IRB safety relevant to setting up the boat, operating the boat, cleaning, maintaining and moving the boat. You will also learn about the IRB safety equipment.

Particular hazards and risks related to operating the IRB include:

- Weight of the IRB and associated equipment – requiring teamwork and manual handling skills
- Water in the IRB and the potential for capsizing
- Propeller hazards such as fouling with debris OR risks associated with long hair, loose clothing or cords which may become tangled in the propeller
- Risks to swimmers and surfers in the water, and also surf lines or lines attached to buoys
- Hazards in the environment, such as rocks, sandbanks and cliffs

Other hazards and risks associated with surf lifesaving that are not specific to IRB operations will also apply, e.g., operational stress, fatigue, sun exposure, dehydration, hypothermia, dangerous surf, etc.



Remember this!

Operating an IRB is an important responsibility with serious potential dangers. NEVER show off or skylark in an IRB.



Powercraft Code of Conduct

Reference: Powercraft Manual 7th Ed, p 11



Activity (Group) 1.1: Powercraft Code of Conduct

Your trainer will lead a discussion about the Powercraft Code of Conduct.

Use the questions and space below to make your own notes of points you want to remember from the discussion:

1. What does it mean for you to “act responsibly and with care” as an IRB crew person? Who and what are you responsible for?

2. What is your role in “promoting a culture of safety”? Based on your discussion, list some examples of behaviour that promote a culture of safety in relation to the IRB.

3. How are you affected by inter-service agreements and relationships with other emergency services in operating the IRB?



Roles of Driver and Crew

Reference: Powercraft Manual 7th Ed, p 24 & 50

The IRB Driver is trained to take overall responsibility for the operation of the IRB and to be responsible for the boat, crew and to the community and organisation. The IRB Crewperson/s also has an important role to play in this, under the supervision of the Driver.



Activity (Group) 1.2: Roles of Driver and Crew

Your trainer will lead a discussion about the roles of Driver and Crew in operating the IRB. As you discuss this, make your own notes below about the similarities and differences in the roles:

Role and responsibilities of IRB Crewpersons	Role and responsibilities of IRB Drivers

It should be clear from this discussion that the IRB Driver will take the lead in operating the IRB and that you will follow all reasonable directions.



Activity (Individual) 1.3: Reflection

Being aware of your own limitations and level of competence and confidence is an important part of ensuring the safety of yourself and others, as well as of the boat and equipment.

What limitations might you have? Respond to the following discussion points:

1. How do you feel about your ability to fulfil the list of duties and responsibilities of an IRB crew person discussed above?

2. What would you do if asked to crew an unfamiliar type of IRB at an unfamiliar location with different conditions from those you have previously experienced, e.g., at a different beach during a competition?

Accepting leadership of IRB driver

Your safety and the safety of others rely on effective teamwork between you and the IRB driver. You need to have confidence in the driver's ability and:

- listen to the driver and do as they say promptly
- on launch, ensure craft is held straight and in waist depth water, inform driver of in-coming waves
- do not get in the IRB until told to do so and then do it quickly and safely
- stay on your side of the IRB unless instructed otherwise (maintain balance)
- always make driver aware of obstacles



Communication skills for IRB operation

When crewing an IRB, you will need to communicate clearly with the Driver and also with other lifesavers on the beach, and with the general public. You will need:

- Effective listening skills to understand directions
- Good verbal skills with the driver to ask questions and clarify directions, as well as to warn the driver of hazards you have observed, or observations made during rescue operations
- Good verbal skills with the general public
- Good verbal and listening skills with patients
- Good signalling skills to communicate with others on the beach



Activity (Group) 1.4: Examples of communication skills in action

Your trainer will assign you one of the situations listed above and may provide you with further details of the situation, or may ask you to make these up based on your own experience.

Work with a small group or partner to demonstrate to the rest of the group how you would communicate in the given situation.

Use this space to make notes of any points you want to remember:



Topic 2 – Introduction to IRB Equipment



This topic will help you answer the following questions:

1. What types of IRB might I be expected to crew?
2. What IRB equipment will I be working with?
3. What are the key safety issues in the IRB equipment area?
4. How is the IRB prepared for operations?

Most of the content for this topic is in the SLSA Powercraft Manual 7th Edition. Your trainer will tell you when to refer to the Manual. This workbook contains the training activities and space for your notes.

Types of IRB

There are three main types of IRB currently operated by surf lifesaving clubs:

- Class 1 – mono-hull (soft hull)
- Class 2 – mono-hull (rigid hull)
- Class 3 – catamaran

Your club may have one or more of these types of boats which have different strengths and weaknesses in use. Class 1 and 2 boats are very similar, but Class 3 boats should be crewed and driven very differently and most problems experienced with Class 3 boats stem from trying to use them like a mono-hull (Class 1 and 2).

As a qualified crew person you may be expected to operate in all three types of boats, but should ensure you received appropriate training and induction to crew in any new model – especially Class 3 – if you are unfamiliar with the boat.

Pre-operational procedures

Reference: Powercraft Manual, 7th Ed, p 16-18 & 28-29



Activity (Group) 2.1: Practical Activities

This session will involve you in a number of practical activities. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise:

Task One

Familiarisation with the IRB area. Name the equipment and its storage areas; discuss safety precautions such as safe storage



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of fuel procedures.

Task Two

Using Personal Protective Equipment – Demonstrate correct use of safety helmets, wetsuits, booties, gloves, mask, spray jackets and PFD (as required in your state/territory) and stinger PPE in tropical regions.

Task Three

Preparing the IRB for use – Crew duties as listed p 28-29 Powercraft Manual, 7th Edition.



Topic 3 – Introduction to Crewing an IRB



This topic will help you answer the following questions:

5. How should I warm up for IRB activities?
6. How is the IRB carried safely?
7. What roles does an IRB Crewperson have?
8. What crewing positions do I use during IRB operations?

Most of the content for this topic is in the SLSA Powercraft Manual 7th Edition. Your trainer will tell you when to refer to the Manual. This workbook contains the training activities and space for your notes.

Warming up for IRB Personnel

At the start of any practical training session and prior to routine operations IRB personnel should warm-up physically to minimise the risk of injury. Your trainer will supervise you to perform a 10-15 minute warm-up that includes a heart-rate raising activity such as jogging, followed by stretching.

Manual Handling of the IRB

Reference: Powercraft Manual 7th Ed p 13-15



Activity (Group) 3.1: Practical Activities

This session will involve you in practical activities. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise:

Practice correct manual handling procedures with IRB and equipment:

1. In the IRB storage area
2. On the beach

Discuss and practice correct transportation of IRBs using trailers, ATVs or beach vehicles



Introduction to Crewing Techniques

Reference: Powercraft Manual 7th Ed p 31-36 & 106-113

Initially you will practice crewing techniques in an unladen IRB on land, before progressing to practicing in the water.



Activity (Group) 3.2: Practical Activities

This session will involve you in practical activities. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise:

1. Launching – entry to the boat
2. Sitting positions in all IRB class types
3. Hand and foot positions
4. Crew position techniques when turning, parallel runs and trimming the boat
5. Crew positions when negotiating the break and punching a wave
6. IRB capsize -roll over procedure including surfing an IRB to shore
7. Emergency drills
8. Patient pick up – conscious and unconscious
9. Resuscitation of patient in the boat
10. Return to shore
11. Transporting and lifting patients out of the boat
12. Search and rescue techniques



Activity (Individual) 3.3: Review Pre-launch Activities

Use the space provided below to make any notes you wish to keep to help you to prepare for assessment in each of the procedures taught by your trainer. Your trainer may use the following questions for discussion following completion of practical activities.

1. When the IRB must be carried, or heavy equipment such as fuel tanks, or patients must be carried, what are the minimum numbers of people who should lift each of the following:
 - a. unladen IRB? _____



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- b. fully laden IRB? _____
- c. outboard motor? _____
- d. fuel tanks? _____

2. What are the six steps required for safe lifting?

3. The crewperson and driver each have a number of duties in preparing to operate an IRB. What are the 6 duties of a crew person?

4. During patrol when not in use, where should the IRB be kept ready for use?



Topic 4 – Basic Crewing of the IRB



This topic will help you answer the following questions:

1. How do I enter the IRB safely?
2. How do I safely negotiate the break as a Crewperson?
3. What are the different crewing positions I need to use?
4. How do I set up and pack away the IRB equipment

Most of the content for this topic is in the SLSA Powercraft Manual 7th Edition. Your trainer will tell you when to refer to the Manual. This workbook contains the training activities and space for your notes.

Launching and boarding an IRB

Reference: Powercraft Manual, 7th Ed, p 32



Activity (Group) 4.1: Practical Activities

This session will involve you in a number of practical activities. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise:

Task One

Simulate launching the IRB – run through the steps on the beach.

Task Two

Simulate boarding the IRB – practise jump entry and hip and body roll entries on the beach.

Task Three

Choose a suitable launch site, taking into account hazards and surf conditions, then launch and board the IRB in the water.



Basic crewing of an IRB in various conditions

Reference: Powercraft Manual, 7th Ed, p 31-35



Activity (Group) 4.2: Practical Activities

This session will involve you in a number of practical activities under the supervision of your trainer and with an IRB Driver. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise. You should expect to practise some of these tasks many times in developing your skills:

Task One

Taking up correct crewing position and balancing (trimming) the boat post-launch, including proceeding through the surf. Where possible you will practise this in still water, calm or small surf initially before attempting more challenging conditions. Next practise proceeding through unbroken and broken waves while maintaining the balance (trim) of the boat, i.e. changing positions, shifting weight, using foot straps, bow rope and handle.

Task Two

Practise trimming) the boat while the driver takes the boat through various basic manoeuvres, including port and starboard turns, figure eight turns, negotiating waves, parallel running, punching through waves.

Task Three

Practise returning to shore, giving associated signal, and using hand signals and verbal communication with the driver, and following driver's instructions about when/how to alight from the IRB and lift the IRB above the water line.

Task Four

Practice entering the IRB from the water, as if you had fallen out. Practice this in deep water and in chest depth water.

Task Five

Practise re-righting the IRB after capsize and surfing the IRB back to shore.



Activity (Individual) 4.3: Review Launch Activities

Use the space provided below to make any notes you wish to keep to help you to prepare for assessment in each of the procedures taught by your trainer. Your trainer may use the following questions for discussion following completion of practical activities.

1. What is the role of the crew person in launching the IRB?

2. What positions are taken by the driver and crew person within the IRB?

3. When does the crew person board the IRB?

4. Depending on your agility and the conditions, there are three ways of boarding the IRB. What are they and when might you use them?



Activity (Individual) 4.4: Review basic crewing activities

Use the space provided below to make any notes you wish to keep to help you to prepare for assessment in each of the procedures taught by your trainer. Your trainer may use the following questions for discussion following completion of practical activities.

1. When should the crewperson remain seated and when should they stand during basic manoeuvres?

2. When should the crewperson shift their weight or position during basic manoeuvres?

3. What should you do if you fall out of the IRB?

4. What should you do if the driver falls out of the IRB?



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5. What types of situations and hazards should the crewperson communicate to the driver? How should these be communicated?

6. What are your knees used for when negotiating waves in the IRB?



Topic 5 – Perform Rescues in an IRB as a Crewperson



This topic will help you answer the following questions:

1. How are rescues performed? Including:
 - a. Observation and lookout procedures
 - b. Patient pick-up and transport
 - c. Use of first aid in IRB
 - d. Principles of Search and Rescue operations



Activity (Group) 5.1: Practical Activities

This session will involve you in a number of practical activities under the supervision of your trainer and with an experienced IRB Driver. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise. You should expect to practise some of these tasks many times in developing your skills:

Task One

Practise rescuing single patients and then more than one patient in clear open water. Include different rescue techniques suitable for conscious and unconscious patients of various sizes and weights. Practise single and dual lifts.

Task Two

Practise rescuing single patients and then more than one patient in broken water, using a range of suitable techniques.

Task Three

Practise participating in mass rescues. Include use of appropriate signals.

Task Four

Practise returning patients to the shore and carrying them from the IRB. Also practice applying rescue breaths in the IRB immediately following patient recovery from the water and using appropriate signals.

Task Five (optional – depending on conditions prevailing at your location)



Practise rescuing single patients and then more than one patient in challenging conditions, e.g., extreme broken surf, near rocks, recovering a sailboard rider and towing the sailboard, etc.



Activity (Individual) 5.2: Review Rescue Operations

Use the space provided below to make any notes you wish to keep to help you to prepare for assessment in each of the procedures taught by your trainer. Your trainer may use the following questions for discussion following completion of practical activities.

1. Why is the crewperson's ability to balance the boat particularly important when coming alongside a patient for pick up?

2. Describe two different techniques for lifting patients out of the water and explain when you would use each.

3. How would you position a patient requiring resuscitation in the IRB?



4. When would you use a rescue tube to recover a patient from the water and how would you go about this?

5. How do you prioritise patients in a mass rescue?

6. What is the preferred procedure for lifting a patient from the IRB on return to the beach?

7. Describe two search patterns that may be used in a search and rescue operation

8. What are the other services you may work with during a search and rescue operation in your area?



Topic 6 – IRB Towing and Buoy Laying



This topic will help you answer the following questions:

1. What State/Territory marine laws affect towing?
2. How to attach/remove a tow rope
3. How to store buoys and anchors in the IRB
4. How to lay buoys

Most of the content for this topic is in the SLSA Powercraft Manual 7th Edition. Your trainer will tell you when to refer to the Manual. This workbook contains the training activities and space for your notes.

Reference: Powercraft Manual 7th Ed, p 20-21, 70-71 & Appendix 2



Activity (Group) 6.1: Practical Activities

This session will involve you in a number of practical activities. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise:

Task One

Discuss and practice correct towing procedures. You will cover state marine laws regarding towing and attaching/removing tow ropes.

Task Two

Discuss and practice correct IRB buoy laying (single buoy)

1. Storage of anchors and buoys in the IRB
2. Safely manoeuvring in the IRB with anchors and buoys
3. Safely laying and retrieving buoys



Activity (Individual) 6.2: Review Transport and Towing

Use the space provided below to make any notes you wish to keep to help you to prepare for assessment in each of the procedures taught by your trainer. Your trainer may use the following questions for discussion following completion of practical activities



1. Why must sharp or heavy items be stowed in the stern of the IRB rather than the bow?

2. What safety precautions should be taken when buoy lines are in the IRB?

3. What is the largest size vessel that can be towed by an IRB?

4. Describe one of the types of knot you may use to secure craft

5. When you are observing the towed boat, what should you do if it begins to yaw rapidly?



Topic 7 – IRB Assembly, Storage and Maintenance



This topic will help you answer the following questions:

1. How do we assemble an IRB that has been in storage?
2. How is an IRB deflated and packed up for storage?
3. What other basic maintenance may I be expected to assist with?



Activity (Group) 7.1: Practical Activities

This session will involve you in a number of practical activities. Your trainer will explain and demonstrate the following tasks, which you will then have the opportunity to practise:

Task One

Discuss and practice IRB assembly and disassembly, including:

1. Fully inflating and deflating the IRB
2. Inserting and removal of floorboards (class 1 and 3)
3. Review manufacturer's operating manual and instructions for basic maintenance
4. Rolling up and storing IRBs (class 1 and 3)



Activity (Individual) 7.2: Review Post Operational Procedures

Use the space provided below to make any notes you wish to keep to help you to prepare for assessment in each of the procedures taught by your trainer. Your trainer may use the following questions for discussion following completion of practical activities.

3. Why is the fuel cell removed prior to refuelling?



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4. Why must the IRB log (and any other reports) be completed every time the IRB is used?

5. What are the signs and symptoms of personal operational stress and who should you report these to? Why?

6. What can you do to help increase the life expectancy of an IRB?



Topic 8 – Revision and Reflection



This topic will provide you with the opportunity to reflect on the course and revise material in preparation for assessment



Activity (Group) 8.1: Practical Activities

Task One

Your trainer will reconfirm the topic outcomes and you will have the opportunity to ask questions.

Task Two

Ensure that this Learner Guide is completed and discuss with your trainer any queries that you have.

Task Three

Your trainer will explain the assessment procedure to you, then you will complete a course feedback form.



Assessment Information

Below is a description of the assessment tasks required to demonstrate competence in this course. This section is for information only. All evidence should be collected in the assessment portfolio section of this learner guide.



Assessment Task 1: Log of Training Hours

Candidates must demonstrate that they have completed their practical training in a variety of local surf conditions and record this training in the log of training hours presented for assessment. This training must be supervised by an IRB Training Officer and the training log sighted by an IRB Assessor.

If local surf conditions do not provide a full range of training opportunities, candidates should undertake additional training if they wish to crew in another area after attaining their IRB Crew Certificate.



Assessment Task 2: Theory Paper

This task is to assess your knowledge of your duties as an IRB Crew. This task will be conducted under exam conditions supervised by an assessor. Your assessor will supply you the assessment questions, please write your answers in the space provided in the assessment portfolio section of this learner guide.



Assessment Task 3: Observation 1 – Pre & Post Operation Requirements

Observation is to be carried out using an IRB and equipment in the beach environment during completion of normal duties over a period of time. Assessment is to occur on a one to one basis.

Crew are to perform basic maintenance only to IRB and not to the motor. Tasks are to be performed under the direction of the IRB Driver.



A checklist is provided in your assessment portfolio for your assessor to use when conducting your assessment



Assessment Task 4: Observation 2 – Crewing and Rescues

Observation is to be carried out in an IRB in the beach environment during completion of normal duties over a period of time or during at least two simulated activities. Assessment is to occur on a one to one basis. Tasks are to be performed under the supervision of the IRB Driver.

Candidates are to perform a minimum of two rescues:

Rescue 1- Beyond the break

Rescue 2- In white-water (as per state requirements)

One of the rescues must be on an unconscious patient.

A checklist is provided in your assessment portfolio for your assessor to use when conducting your assessment



Assessment Portfolio

This portfolio includes all of the evidence you are required to submit to your assessor to demonstrate competence in the IRB Crew Certificate and the related competencies listed in the competency record below.

Learner Details

First Name:		Surname:	
Date of Birth:		Club / Group:	
Telephone:			
Email:			

Competency Record

		Competent	Not Yet Competent
SLSA Course			
IRB Crew Certificate			
Nationally recognised units of competency			
PUASAR015A Crew small powercraft in a rescue operation			
Assessor Name			
Assessor Signature		Date	



Assessment Summary

Participant Name:			
Assessment Tasks	Date Completed	Satisfactory/ Not Satisfactory (S/NS)	Assessor Signature
Task 1: Log of training hours – Date sighted			
Task 2: Theory Paper (Put an "X" through any incorrect answers) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21			
Task 3: Observation 1 – Pre and Post Operation Requirements			
Task 4: Observation 2 – Crewing and Rescues			
Comments:			



Assessment Task 1: Log of Training Hours

Candidates must demonstrate that they have completed their practical training in a variety of local surf conditions and record this training in the log of training hours presented for assessment. This training must be supervised by an IRB Training Officer.

If local surf conditions do not provide a full range of training opportunities, candidates should be advised to undertake additional training if they wish to crew in another area after attaining their IRB Crew Certificate.

Participant Name:

Club Name:

Date:	Location:			
Training Officer name:				
Weather Conditions				
Wind:	<input type="checkbox"/> Nil	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> Strong
Seas:	<input type="checkbox"/> Calm	<input type="checkbox"/> Chop	<input type="checkbox"/> Moderate	<input type="checkbox"/> Rough
Wave Height:	<input type="checkbox"/> 0 – 0.5m	<input type="checkbox"/> 0.5 – 1.5m	<input type="checkbox"/> 1.5 – 2.5m	<input type="checkbox"/> 2.5m +
Training Officer comments:				

Date:	Location:			
Training Officer name:				
Weather Conditions				
Wind:	<input type="checkbox"/> Nil	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> Strong
Seas:	<input type="checkbox"/> Calm	<input type="checkbox"/> Chop	<input type="checkbox"/> Moderate	<input type="checkbox"/> Rough
Wave Height:	<input type="checkbox"/> 0 – 0.5m	<input type="checkbox"/> 0.5 – 1.5m	<input type="checkbox"/> 1.5 – 2.5m	<input type="checkbox"/> 2.5m +
Training Officer comments:				



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Date: _____ Location: _____

Training Officer name: _____

Weather Conditions

Wind:	<input type="checkbox"/> Nil	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> Strong
Seas:	<input type="checkbox"/> Calm	<input type="checkbox"/> Chop	<input type="checkbox"/> Moderate	<input type="checkbox"/> Rough
Wave Height:	<input type="checkbox"/> 0 – 0.5m	<input type="checkbox"/> 0.5 – 1.5m	<input type="checkbox"/> 1.5 – 2.5m	<input type="checkbox"/> 2.5m +

Training Officer comments: _____

Date: _____ Location: _____

Training Officer name: _____

Weather Conditions

Wind:	<input type="checkbox"/> Nil	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> Strong
Seas:	<input type="checkbox"/> Calm	<input type="checkbox"/> Chop	<input type="checkbox"/> Moderate	<input type="checkbox"/> Rough
Wave Height:	<input type="checkbox"/> 0 – 0.5m	<input type="checkbox"/> 0.5 – 1.5m	<input type="checkbox"/> 1.5 – 2.5m	<input type="checkbox"/> 2.5m +

Training Officer comments: _____

Date: _____ Location: _____

Training Officer name: _____

Weather Conditions

Wind:	<input type="checkbox"/> Nil	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> Strong
Seas:	<input type="checkbox"/> Calm	<input type="checkbox"/> Chop	<input type="checkbox"/> Moderate	<input type="checkbox"/> Rough
Wave Height:	<input type="checkbox"/> 0 – 0.5m	<input type="checkbox"/> 0.5 – 1.5m	<input type="checkbox"/> 1.5 – 2.5m	<input type="checkbox"/> 2.5m +

Training Officer comments: _____

The candidate has completed practical training in the IRB in a full range of local conditions and performed the tasks to the organisational standards required:

IRB Crew Candidate Name: _____ Signature: _____

IRB Trainer Name: _____ Signature: _____

IRB Assessor Name _____ Signature _____

Date: _____



Assessment Task 2: Theory Paper

This is a question paper only

Do not mark this paper. Use the ANSWER SHEET provided in the assessment portfolio section of your learner guide.

Pass mark

100% – Your assessor will discuss any incorrect answers with you. You will have an opportunity to be verbally reassessed.

Please speak to your assessor if you believe that you may have a learning difficulty that affects your ability to answer these questions.

All questions relate to information contained in the SLSA Powercraft Manual 7th Edition and the IRB Crew Learner Guide

1. List at least three duties of an IRB Crew Member when preparing the IRB for operations.
2. What are two main differences between an IRB Driver and a Crew Member?
3. Name 3 points in the Powercraft Code of Conduct and provide practical examples of how they apply to you IRB area??
4. Under the SLSA Power Craft Code of Conduct whose safety is the IRB Crew member responsible for?
5. List at least 5 checks that are undertaken in a pre-operational check?
6. What do you do if there is a problem with a pre operational check?
7. List at least 5 checks undertaken in a post operational check.
8. What do you do if there are problems with the post operational check?
9. Explain the correct manual handling techniques that are applied to moving IRB?



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10. There are two parts to this question.
There are three classes of IRBs (Class 1, Class 2 and Class 3). Two of them are similar regarding the manner in which they are crewed while the other class is very different.
- (Part A) Which two classes are similar in their crewing technique?
(Part B) What should you do if you join a service that has a class of IRB you are unfamiliar with?
11. What is the signal for 'IRB wishes to return to shore'?
12. What is the signal for 'assistance required'?
13. Explain the safety requirements for refuelling the IRB.
14. What do you do if the IRB capsizes?
15. On what side of the IRB does the crewperson sit?
16. As a crew person how do you approach a:
- (Part A) Plunging wave
(Part B) Small broken or green wave
17. What should you do if the motor stalls in a break?
18. Describe a crew person's responsibility when parallel running?
19. Which side should a crew person lean as the wave hits the starboard (right) side?
20. Where should the Crewperson position his or her self when the IRB is performing a port (left) turn?
21. Where and when should a tow rope be attached to an IRB?



Assessment Task 2: Theory Paper

Please write your answers in the space provided below. Your assessor will provide you with the question paper.

1.

2.

3.

4.

5.

6.



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7.

8.

9.

10.

(part A)

(part B)

11.



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12.

13.

14.

15.

16.

(part A)

(part B)

17.



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18.

19.

20.

21.



Assessment Task 3: Observation 1 – Pre & Post Operation Requirements

Observation is to be carried out using an IRB and equipment in the beach environment during completion of normal duties over a period of time. Assessment is to occur on a one to one basis. Crew is to perform basic maintenance only to IRB and not to motor.

Tasks are to be performed under the supervision of the IRB Driver.

Participant name:			
Does the candidate perform the following satisfactorily?	Yes	No	Explanation/description of evidence sighted/comments
<i>Pre-operational check:</i>			
Check logbook			
Check IRB in a logical manner			
Check fuel cell for damage			
Refill fuel cell (if required)			
Check pontoons and keelson are correctly inflated and in good condition			
Check IRB is in good condition; floor boards secured; foot straps in good condition; ropes secure			
Check whistle is working and secure			
Check rescue tube is serviceable and secured			
Check 2 paddles are secured			
Check knife is secure			
Check tow ropes are serviceable, secured and in good condition			
Check radio is attached (as applicable)			



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Participant name:			
Does the candidate perform the following satisfactorily?	Yes	No	Explanation/description of evidence sighted/comments
Transport IRB to and from the beach safely			
<i>Post operational checks</i>			
Check IRB for damage			
Wash down IRB			
Assist driver with motor handling as required			
Store all equipment correctly			

The candidate has performed these tasks to the organisational standards required:

IRB Assessor Name: _____

Signature: _____

Date: _____



Assessment Task 4: Observation 2 – Crewing and Rescues

Observation is to be carried out in an IRB in the beach environment during completion of normal duties over a period of time or during at least two simulated activities. Assessment is to occur on a one to one basis. Tasks are to be performed under the supervision of the IRB Driver.

Candidates are to perform a minimum of two rescues:

Rescue 1- Beyond the break

Rescue 2- In white-water

One of the rescues must be on an unconscious patient.

Participant name:						
Does the candidate perform the following satisfactorily?	Rescue 1	Yes	No	Rescue 2	Yes	No
Follow drivers directions throughout launch process						
Hold IRB square to waves						
Enter IRB effectively						
Correctly hold position through waves						
Use signals						
Move into correct position to effect rescue						
Ensure the safety of self and others						
Maintain a safe position in the IRB						
Surf IRB to beach (if required)						
Conduct observation and look out procedures						
Communicate hazards and risks						
Maintain balance of IRB						



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Participant name:						
Does the candidate perform the following satisfactorily?	Rescue 1	Yes	No	Rescue 2	Yes	No
Use effective method for picking up patient						
Safely beach IRB						
Safely remove patient from IRB						
Conduct handover to patrol if required						
Carry patient safely to handover site						
Safely and correctly lay patient						
Provide rescue breaths as required						
Listen to instructions						
Communicate with patient as required						
Transport the patient from the IRB to a beach or land location.						
Perform patient assessment						
Handover patient to other qualified personnel.						

The candidate has performed these tasks to the organisational standards required:

IRB Assessor Name: _____

Signature: _____ Date: _____



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Course date: _____ Location: _____ Name: _____
 (Optional)

Trainer(s) & Assessor(s): _____

Your evaluation of this program is very important. It enables us to improve our training programs and the quality of our service.

Statements	Strongly disagree	Disagree	N/A	Agree	Strongly Agree
Course Content					
The course was explained to me prior to commencing and met my expectations.					
The course had the right balance between theory and practice.					
The course was the right duration and intensity.					
General comments on course content					
Course Material					
The course materials were clear and easy to follow.					
The activities were realistic and effective.					
The course materials will be a useful ongoing reference.					
General comments on course material					
Training Personnel					
Knowledge was sufficient to effectively deliver the course.					
Kept the course interesting and interactive.					
Provided clear and complete answers to questions.					
General comments for the facilitator					
Overall outcomes					
My knowledge and skills increased as a result of this course.					
This course has helped me meet or clarify my goals.					
Course assessment activities were fair and realistic.					
General comments about the overall outcomes of the course					

Thank you for taking the time to provide this feedback