



AUSTRALIAN LIFESAVING

**ACADEMY**

**Silver Medallion  
(IRB Driver)  
Delivery and  
Assessment Guide**



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## Introduction and Administration

### Course Overview



The aim of this course is to help develop the skills and knowledge of course candidates to safely and effectively drive an Inflatable Rescue Boat (IRB).

This course leads to the SLSA Award Silver Medallion IRB Driver. Candidates will also develop knowledge and skills to enable them to demonstrate competence in the nationally recognised unit(s) of competency:

- PUAEQU001B Prepare, maintain and test response equipment
- PUASAR014A Operate and maintain a small powercraft and motor for rescue operations.

These units form a part of the nationally recognised PUA31310 Certificate III in Public Safety (Aquatic Search and Rescue).

The approximate times indicated in the session plans will vary depending on factors such as the number of candidates, number of trainers, equipment availability and environmental conditions. Trainers should apply as much time as is required to ensure the competence and safety of candidates

### Course Outcomes

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

Understand the roles and responsibilities of an IRB Driver, including:

- List the duties of an IRB Driver
- List the safety considerations when operating an IRB
- Provide direction to an IRB Crewperson in all their operational duties
- Communicate effectively with crewperson, the public and patients in the normal performance of duties.

Drive an IRB

- Identify the components of an IRB motor
- Launch an IRB safely and efficiently
- List motor hazards in the surf
- Safely and efficiently negotiate the surf while driving an IRB
- Perform emergency procedures

Perform rescues in an IRB as a Driver

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



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- Contribute to search and rescue operations; liaising effectively with other emergency response services as required

Prepare and maintain an IRB motor

- Perform pre-operational checks and preventative maintenance of the IRB motor
- Perform post-operational maintenance of the IRB motor
- Perform motor re-start procedure after immersion in the surf
- Report major wear or damage according to organisational procedures

### Terminology

The following terms are used throughout this guide.

**IRB** - Inflatable Rescue Boat

**IRB Personnel** - Includes both IRB Drivers and IRB Crewpersons

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

**Hull** - The IRB not including the motor and ancillary equipment

**PPE** - Personal Protective Equipment

### Icons

The following icons (symbols) are used throughout this manual 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 aim 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.



#### **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 and/or an exam.



## Course Administration Checklist

Use the checklist below to assist in preparing for your delivery of the Silver Medallion IRB Driver course.

Steps	Day to be completed	Complete (tick)
<b>6 weeks before delivering module</b>		
Obtain and read the course materials and make a personal list of preparation required.		
Book venue and equipment for each separate session.  This course is planned around 1 IRB Trainer delivering to a group of 4 candidates. To do this you will require 1 fully equipped IRB for the group. This may be replicated for larger groups, e.g. 12 candidates required 3 trainers and 3 fully equipped IRBs.		
Promote course and organise candidates (Use the Learner Course Information from the Learning and Assessment Strategy in flyers, brochures and letters.)		
<b>2 weeks before delivering module</b>		
Confirm participant numbers and send out joining instructions – see example on the next page.		
Confirm bookings for venue, catering, training resources and equipment.		
Obtain sufficient copies of participant materials for group size.  Each candidate should also have their own copy of the Powercraft Manual and the Silver Medallion IRB Driver Learner Guide.		
<b>1 week before delivering module</b>		
Complete own preparation.		
<b>Day before delivering module</b>		
Check weather conditions-training may need to be modified if the conditions are outside what is deemed safe. i.e. dangerous surf or lightning.		
Ring/email reminder to candidates about start time and to check all preparation listed in joining instructions have been completed.		
<b>First day of module</b>		
Brief candidates on training venue facilities, OH&S considerations and course administration.		
Ensure candidates sign attendance sheet.		



## Joining Instructions

This is an example only of the type of information that should be provided to candidates prior to attendance at this course. You will need to fill in the spaces with appropriate information.

Dear

Welcome to the Silver Medallion (IRB Driver) Course.

The course will be held:

Venue:

Dates:

Times: - please arrive ten minutes prior to start time.

Dress requirements: Due to the motors and fuel, IRBs can be very dirty and oily. Older clothes that can get dirty are recommended. For in water practical activities, appropriate swimwear, a rash vest and a wetsuit are also recommended. Sun protection should also be brought to training.

Costs:

Your facilitator will be:

I hope you enjoy the course.



## Learning and Assessment Strategy

### Development

The Silver Medallion (IRB Driver) course has been developed through consultation with key stakeholders in each of the states.

### Proposed Target Group

This course is targeted at surf lifesavers who already have general surf knowledge, swimming ability and competent in the crewing of an IRB. Candidates will range in age from 16 years and over

### Qualification Details

The units form a part of the nationally recognised PUA31304 Certificate III in Public Safety (Aquatic Search and Rescue)

### Units offered and clustering

- PUAEQU001B Prepare, maintain and test response equipment
- PUASAR014A Operate and maintain a small powercraft and motor for rescue operations.

### Pathways (including recognition)

- Recognition of Prior Learning (RPL)
- Learning and Assessment
- Assessment Only

### Pre-requisites

To enter the Silver Medallion (IRB Driver) course candidates must have met the following course pre-requisites:

- Minimum of 16 years of age to commence training
- Minimum of 17 years of age on the date of final assessment
- Hold and be currently proficient in the SLSA awards shown in the table below
- Have met the Marine Licensing requirements in your state/territory
- Already achieved the units of competency shown in the table below.

<b>Surf Life Saving Pre-requisite Awards</b>
Bronze Medallion
IRB Crew Certificate



### Pre-requisite units of competency

Competency code and title	Found in the following SLSA awards (For club members)
PUACOM001C Communicate in the workplace	Bronze Medallion
PUAEME001B Provide emergency care Or HLTF A201A Provide basic emergency life support	
PUAOPE013A Operate communication systems and equipment	

## Delivery Modes

The Silver Medallion (IRB Driver) is a based course where candidates complete training through theory, group discussions and practical activities held in appropriate locations (e.g.: equipment maintenance in storage area).

## Assessment Methodologies

Assessment for the Silver Medallion (IRB Driver) includes a mix of written questioning of theoretical knowledge and practical demonstration of skills.

## Infrastructure Requirements

### Learning Environment

Access to a surf lifesaving club and operational spaces associated with IRB use, including storage area, equipment wash down area. In addition to club facilities, a low surf or still water environment for initial training and access to varied surf conditions.

### Learning Resources

- Silver Medallion IRB Driver Learner Guide
- Powercraft Manual 7<sup>th</sup> Edition
- Course attendance sheet
- SLSA Powercraft Code of Conduct handout (Appendix 4)
- Club and state specific material that may impact the operations of IRBs on your beach e.g.
  - State Maritime Laws
  - Local council beach regulations
  - Club rules and regulations

### Equipment Required

- IRB (laden and unladen)
- IRB accessories required to conduct safe operations
- Access to IRB equipment storage area
- Access to PPE



## **Access and Equity**

The Academy values and respects access and equity principles clearly outlined in the Code of Practice

## **Delivery and Assessment Staff**

Training Officers must hold the appropriate SLSA Training Officer Awards for IRB and be able to demonstrate current vocational competence.

Assessors must hold the appropriate SLSA Assessor Awards for IRB and be able to demonstrate current vocational competence.

The current list of qualified personnel to deliver or assess these courses can be found on the SLSA Member and Qualifications Database Surfguard (Surfmate for Queensland).

## **Course Evaluation**

- **Methods of data collection**
  - Feedback from candidates via questionnaire after program to gather quantitative data
  - Feedback from Trainers & Assessors through the Course Management system
  - Focus groups with representatives from industry (possibly affiliated states and territories of Surf Life Saving Australia) and candidates to determine value of qualifications to industry and to gather qualitative data
  
- **Evaluation Criteria**
  - Content - relevance, currency, complexity, sufficiency
  - Structure – timeframes, flow, cost effectiveness,
  - Resources – sufficiency, currency, relevance, availability, usability, cost/benefit
  - Delivery – facilitator quality, support balance of knowledge and practice, methodologies, environment, participation
  - Results – outcomes achieved future application, assessment relevance, assessment consistency, competency development, future application, and recording processes.
  
- **Reporting**

All feedback is monitored through the Course Management System and recorded in the iQual Quality Management System.



## Learner Course Information

Below is sample material for personnel organising the delivery of the Silver Medallion (IRB Driver) course. This information can be used in flyers and on websites etc where the course is being promoted. Its purpose is to inform candidates of the course requirements to aid them in making their decision to enrol in the course.

### Silver Medallion (IRB Driver)

This course provides the opportunity for candidates to develop the skills and knowledge required to be a safe and effective driver in an inflatable rescue boat (IRB)

The focus of this instruction is on specific learner and organisation requirements, including pre and post operational equipment maintenance, safe operating procedures, providing leadership to the IRB Crew, negotiating and performing rescues surf environment in an IRB.

The course covers the skills required to participate in surveillance and rescue operations within the surf lifesaving environment either as a volunteer patrolling lifesaver or as a paid lifeguard.

The course has face-to-face contact hours with qualified trainers. The trainers will decide when you have reached the required level of competence and are ready for assessment. This is generally after a minimum of 35 hours of training.

### Course Pre-requisites:

To enter the Silver Medallion (IRB Driver) course candidates must have met the following course pre-requisites.

- Minimum of 16 years of age to commence training
- Minimum of 17 years of age on the date of final assessment
- Hold and be currently proficient in the SLSA awards shown in the table below
- Have met the Marine Licensing requirements in your state
- Already achieved the units of competency shown in the table below.

<b>Surf Life Saving Pre-requisite Awards</b>
Bronze Medallion
IRB Crew Certificate

<b>Pre-requisite units of competency</b>	
<b>Competency code and title</b>	<b>Found in the following SLSA awards (For club members)</b>
PUACOM001C Communicate in the workplace	Bronze Medallion



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PUAEME001B Provide emergency care Or HLTFA201A Provide basic emergency life support	
PUAOPE013A Operate communication systems and equipment	

**Course Duration:** <<include the number of sessions>>

**Assessment requirements:**

- o Written questionnaire
- o Demonstration of practical maintenance skills
- o Demonstration of practical surf negotiation and rescue techniques in an IRB

**Cost:** <<Include Course Cost>>

**Contact details:** <<Include contact details for further information/enrolment>>

## Recognition of Prior Learning (RPL)

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

As Registered Training Organisations, the ALA and its state branches, offer RPL to candidates who can demonstrate they are competent in a particular unit of competency, so they will not need to repeat the training for it.

Provide candidates with copies of the RPL Information Kit if, after talking with them, you agree that they may be able to demonstrate competence without undertaking training. The Kit includes a Self-Assessment Checklist for the course so candidates can check their own likelihood of success in the RPL process.

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

- candidates showing they have a recognised qualification which delivered the same unit/s of competency

OR

- undertaking the assessment tasks for the module

Refer to the RPL Information Kit for more detailed information about the RPL process.



## Lesson Plans

**Time:** The time of the course will be dictated by the learning progress and competency levels of the candidates. The lesson plans and recommended hours are based on 1 IRB trainer and IRB to 4 candidates. Training times should be adjusted to suit the size of the group and the availability of trainers.

**Breaks:** Breaks should be included as required during the course. This will add to the total time required for the course

**Organisation:** Trainers are expected to follow the lesson plans used in this guide. Candidates should only move to the next lesson when they are deemed competent in the tasks of the current lesson

Once the course content has been covered in the order detailed in the lesson plans further sessions should focus on providing training in a variety of conditions and matched to the progress of the candidates.

Training must be carried out in a variety of conditions and be logged in the Learner Guide.

The review questions in the Learner Guide should be completed throughout the course to reinforce the learning outcomes of the practical activities.

Only when candidates are able to consistently demonstrate competence in a range of conditions, may they be presented for assessment.

Trainers must advise candidates that if they intend on patrolling in an IRB where conditions are different from their award training, they should seek extra training.



## Course Outline

Topic	Type of session	Recommended Time
1- Course Introduction	Theory	1 hour 30 mins
2 – Revision of IRB Equipment and Driver and Crewperson Duties	Theory & demonstration	1 hour 30 mins
3- Introduction to Driving an IRB	Dry practical	3 hours +
Guidelines for Water-based Practicals		
4 - Prepare and Drive the IRB (part 1)	Wet practical & theory	4 hours +
4 - Prepare and Drive the IRB (part 2)	Wet practical & theory	4 hours +
4 – Prepare and Drive the IRB (part 3)	Wet practical & theory	4 hours +
5 – Drive IRB to Participate in Rescues and Perform Emergency Drills (part 1)	Wet practical & theory	4 hours +
5 – Drive IRB to Participate in Rescues and Perform Emergency Drills (part 2)	Wet practical & theory	4 hours +
5 – Drive IRB to Participate in Rescues and Perform Emergency Drills (part 3)	Wet practical & theory	4 hours +
6 – IRB Towing and Buoy Laying	Wet practical and theory	3 hours
7 – IRB Assembly, Storage and Maintenance	Dry practical	1 hour 10 mins
8 – Revision and Reflection	Theory	1 hour



## Topic 1 – Course Introduction

**Delivery Method:** Theory session – on land

**Time:** Approximately 1 hour 30 minutes

**Resources:** Attendance sheet, Powercraft Code of Conduct handout (Appendix 4), Learner Guide - Silver Medallion (IRB Driver) (1 per participant), Powercraft Manual 7<sup>th</sup> Edition (1 per participant).

**Outcomes:** Topics covered in this lesson will help candidates to answer the questions:

1. What is this course about?
2. How will this course be assessed?
3. What are the key safety issues when driving an IRB?
4. What is the role of an IRB Driver?
5. What are the responsibilities of the Driver and Crew?

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 mins  	<ul style="list-style-type: none"> <li>• Welcome candidates and introduce trainers</li> <li>• Housekeeping: Explain venue facilities and course timeframes, catering arrangements, etc</li> <li>• Describe scope of this session               <ol style="list-style-type: none"> <li>1. Course outline: training durations, venues, course materials, assessment process</li> <li>2. Roles and responsibilities of an IRB Driver</li> <li>3. Safety: Powercraft code of conduct</li> <li>4. Leadership and communication with the Crewperson</li> </ol> </li> <li>• Encourage candidates to ask questions throughout course</li> </ul>	Attendance Sheet  Learner Guides for candidates  SLSA Powercraft Manual 7th Edition
BODY OF SESSION		
10 mins	<b>Introductions</b> <ul style="list-style-type: none"> <li>• Ask candidates to introduce themselves – use an icebreaker of your choice that is suitable for</li> </ul>	



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**Silver Medallion IRB Driver**

Timing	Key Points/Content/Method	Resources
	<p>candidates, or ask candidates to introduce themselves – name, role, experience and expectations of the course, or ask candidates to talk with and then introduce a partner.</p>	
10 mins 	<p><b>Course overview</b></p> <ol style="list-style-type: none"> <li>Briefly run through program               <ul style="list-style-type: none"> <li>Duration</li> <li>Delivery method (theory &amp; practical)</li> <li>How the candidate will be assessed</li> <li>What PPE the candidate will require</li> <li>Course venues</li> </ul> </li> <li>Provide candidates with course material and discuss when and how the material will be completed</li> <li>Explain to candidates what is expected of them during the course and their obligations as an IRB Driver upon completion of the course.</li> </ol>	Learner Guide  Powercraft Manuals  Delivery and Assessment Guide
5 mins 	<p>Brainstorm or explain the key safety issues and behavioural requirements of IRB Driver as set out in the Learner Guide.</p> <p>Lead into the discussion below:</p>	Learner Guide
10 mins 	<p><b>Activity (Group) 1.1: Powercraft Code of Conduct</b></p> <p>Ask candidates to explain what is meant by various parts of the code and provide more explanation where required. Discuss the purpose of the code and ensure all the questions in the Learner Guide are answered, drawing on local conditions and considerations where required.</p>	SLSA Powercraft Manual 7th Edition p 11/ Powercraft Code of Conduct handout (Appendix 4 of this guide)  Learner Guide
10 mins 	<p><b>Activity (Group) 1.2: Role of the IRB Driver</b></p> <p>Ask candidates to explain what is meant by various parts of the code and provide more explanation where required. Discuss the purpose of the code and ensure all the questions in the Learner Guide are answered, drawing on local conditions and considerations where required.</p>	Learner Guide  SLSA Powercraft Manual 7th Edition p 50



Timing	Key Points/Content/Method	Resources
5 mins 	<b>Activity (Individual) 1.3: Reflection</b>  Ask candidates to read through the reflection questions provided in the Learner Guide.  Depending upon group dynamics you may decide to use these questions as the basis for discussion, but be aware that not all candidates may be comfortable sharing their reflections. The important issue is for each participant to be conscious of their own limitations and how to express this if the need arises.	Learner Guide
5-10 mins 	<b>Leading the IRB crew person/s</b>  Explain the importance of effective teamwork in the IRB  <b>Activity (Group) 1.4: IRB Driver Role Model</b> Lead a discussion about the key issues in leadership in an IRB context and record answers on a flip chart or whiteboard if available.	Flipchart or whiteboard and pens  Learner Guide
15 mins 	<b>Communication Skills for IRB Drivers</b>  Explain the range of communication skills required as set out in the Learner Guide then lead into the activity:  <b>Activity (Group) 1.5: Communication Demonstration</b> Assign topics/situations to smaller groups of candidates and allow them five minutes to organise themselves before each group presents for the larger group.  Fill any gaps evident in the participant presentations to ensure all candidates have the full picture of the required communication skills.	Learner Guide



CONCLUSION

5 mins	<ul style="list-style-type: none"><li>• Reiterate the importance of safety</li><li>• Reconfirm course objectives and identify any expectations of candidates that may not be met or may only be partially met by this course, explaining why.</li><li>• Reiterate the importance of asking questions</li><li>• Thank candidates for their attention and any questions asked so far.</li></ul>	
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## Topic 2 – Revision of IRB Equipment and Driver and Crewperson Duties

**Delivery Method:** Theory and demonstration session (on land)

**Time:** Approximately 1 hour 30 mins

**Resources:** Learner Guide- Silver medallion (IRB Driver) (1 per participant), Powercraft Manual, 7th Ed, All required PPE, Access to fully-equipped IRB/s, storage area and ancillary equipment

**Outcomes:** Topics covered in this lesson will help candidates to answer the questions:

1. What IRB equipment will I be working with and where is it stored?
2. What are the key safety issues in the IRB equipment area?
3. What are the roles of the Driver and Crewperson when preparing for IRB operations?

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 mins	<ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Explain the session by touching on each of the questions listed above</li> <li>• Revision of culture of safety and powercraft code of conduct</li> </ul>	Course attendance sheet  Powercraft code of conduct handout (appendix 4)
BODY OF SESSION		
20 mins 	<b>IRB Equipment</b>  <b>Activity (Group) 2.1: Practical Activities</b>  <b>Task One</b> Familiarisation with the IRB area. Name the equipment and its storage areas; explain safety precautions such as safe storage of fuel	Powercraft Manual 7 <sup>th</sup> Ed p 14-18



Timing	Key Points/Content/Method	Resources
	<p>procedures.</p> <p><b>Task Two</b>            Discuss any relevant SLSA equipment policy and equipment approved by SLSA)</p> <p><b>Task Three</b>            Discuss safe manual handling procedures including coordinating the movement of the IRB and using towing equipment and local standard operating procedures for using towing equipment and knots and lashings</p>	
20 mins 	<p><b>Crewperson Pre-operational Duties</b></p> <p><b>Activity (Group) 2.2: Practical Activities</b>            Discuss and demonstrate the role of a Crewperson when preparing for IRB operations:</p> <ol style="list-style-type: none"> <li>1. Inflation to correct pressure</li> <li>2. Assisting Driver with fuelling</li> <li>3. Assisting Driver with placing motor onto the transom</li> <li>4. Ensuring that all foot straps and handles are secure</li> <li>4. Checking ancillary equipment</li> <li>5. Completing log books</li> <li>6. Reporting damages equipment</li> <li>7. Warming up</li> </ol>	Powercraft Manual 7 <sup>th</sup> Ed p 24-29
20 mins 	<p><b>Driver Pre-operational Duties</b></p> <p><b>Activity (Group) 2.3: Practical Activities</b>            Discuss and demonstrate the role of an IRB Driver when preparing for IRB operations:</p> <ol style="list-style-type: none"> <li>1. Checking logbooks and preparing the motor</li> <li>2. Supervise and assist the Crewperson in the set-up and checks of the IRB hull</li> <li>3. Assembly of the fuel cell and motor onto the hull</li> <li>4. Set-up of radio communications.</li> </ol> <p>Further details Powercraft Manual 7<sup>th</sup> Ed p 54-56.</p>	Powercraft Manual 7 <sup>th</sup> Ed p 54-56



Timing	Key Points/Content/Method	Resources
20 mins 	<p><b>Activity (Individual) 2.4: Review Pre-launch activities</b></p> <p>Use the questions to review the practical tasks. Ask candidates to answer the questions individually in their Learner Guide before leading a discussion of the correct answers. Correct answers to the questions are found:</p> <ol style="list-style-type: none"> <li>1 See p 55-56 Powercraft Manual 7th Ed under heading Motor checks and preparation</li> <li>2 See p 54-55 Powercraft Manual 7th Ed under heading Assembly of fuel cell and motor onto hull</li> <li>3 See p 54 Powercraft Manual 7th Ed under heading checking logbooks and preparing the motor</li> <li>4 See 55 Powercraft Manual 7th Ed under heading Checking propeller safety guards</li> <li>5 See p 54 Powercraft Manual 7<sup>th</sup> Ed under heading Checking logbooks and preparing the motor.</li> <li>6 See p 28-29 Powercraft Manual 7th Ed under heading Inflation</li> </ol>	Learner Guide  Powercraft Manual 7 <sup>th</sup> Ed p 28-29 & 54-56
<b>CONCLUSION</b>		
3 mins	<ul style="list-style-type: none"> <li>• Reiterate the importance of safety</li> <li>• Reiterate the importance of asking questions and communicating with your trainer/s</li> <li>• Brief candidates about the next lesson</li> </ul>	



## Topic 3 – Introduction to Driving an IRB

**Delivery Method:** Practical session (on land)

**Time:** Approximately 3 hours

**Resources:** Learner Guide- Silver Medallion (IRB Driver) (1 per participant), Powercraft Manual, 7th Ed, Access to fully-equipped IRB/s, storage area and ancillary equipment

**Outcomes:** Topics covered in this lesson will help candidates to answer the questions:

1. How should I warm up for IRB activities?
2. How is the IRB carried safely?
3. How do I enter the IRB as Driver?
4. What are the techniques I will use as an IRB Driver?

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
3 mins	<ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Revision of culture of safety and powercraft code of conduct</li> <li>• Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>1. Candidate warm up (refer to p 26)</li> <li>2. Correct manual handling</li> <li>3. Introduction to using an IRB (using an un-laden IRB on the sand or grass)</li> </ol> </li> </ul>	Course attendance sheet
BODY OF SESSION		
20 minutes 	<p><b>Manual Handling of the IRB</b></p> <p><b>Activity (Group) 3.1 Practical Activities</b></p> <ul style="list-style-type: none"> <li>▪ Discuss, demonstrate and ask candidates to practice the correct manual handling practices with IRB and equipment:           <ol style="list-style-type: none"> <li>1. In the IRB storage area</li> <li>2. On the beach</li> </ol> </li> </ul>	Powercraft Manual, 7th Ed, p 13-15  Access to fully-equipped IRB/s and transport equipment



Timing	Key Points/Content/Method	Resources
	Discuss and demonstrate correct transportation of IRBs using trailers, ATVs or beach vehicles	
2 hours 	<p><b>Introduction to IRB Driving Techniques</b></p> <p><b>Activity (Group) 3.2 Practical Activities</b></p> <ul style="list-style-type: none"> <li>▪ Discuss, demonstrate and ask candidates to practice correct IRB driver techniques (using an un-laden IRB on the sand or grass)               <ol style="list-style-type: none"> <li>1. Launching – entry to the boat</li> <li>2. Sitting positions in all IRB class types</li> <li>3. Hand and foot positions</li> <li>4. Driver techniques when turning, parallel runs, negotiating the break</li> <li>5. Trimming the boat</li> <li>6. Emergency drills</li> <li>7. Roll over procedure -including surfing an IRB to shore</li> <li>8. Search and rescue techniques</li> <li>9. Patient pick-up</li> <li>10. Resuscitation of patient in the boat</li> <li>11. Return to shore</li> <li>12. Transporting and lifting patients out of the boat</li> <li>13. Solo driving</li> </ol> </li> </ul> <p>Discuss the roles of the Driver in line with Crew roles.</p>	<p>Powercraft Manual 7<sup>th</sup> Ed ch 4</p> <p>Access to IRB hulls</p>
<b>CONCLUSION</b>		
10 mins	<ul style="list-style-type: none"> <li>• Pack away the IRB and reiterate the importance of safety</li> <li>• Reconfirm topic outcomes – ask a few questions if you wish to summarise content covered.</li> <li>• Reiterate the importance of candidates asking questions and communicating with Trainer/s</li> <li>• Brief candidates about the next lesson</li> </ul>	



## Guidelines for Water Based Practical Lessons

The table below contains a summary of the content to be covered in water based practical sessions. The activities below must be repeated until candidates are competent in all of them.

IRB Driver techniques to be practiced	Complete (tick)
1. Launching – entry to the boat	
2. Sitting positions in all IRB class types	
3. Hand and foot positions	
4. Driving techniques when turning, parallel runs, negotiating the break	
5. Trimming the boat	
6. IRB capsize procedure – including surfing an IRB to shore	
7. Emergency drills	
8. Patient pick up – conscious and unconscious	
9. Return to shore	
10. Transporting and lifting patients out of the boat	
11. Search and rescue techniques	
12. Motor troubles (cavitation, propeller fouling)	
13. Solo driving	

Trainers may select items to teach in lessons dependent on candidates' progress and environmental conditions on the day of training.

Topics 4 and 5 are broken down into three lessons to provide an example of how these activities can be delivered over three training sessions. Candidates must become competent in these and Topic 6 before moving on to lessons 7 and 8.

Candidates should practice all skills in low surf and demonstrate competence before practicing them in more varied and challenging surf conditions.

Candidates must record all their practical training in water in the Training Log in their Assessment Portfolio.



## **Commencing the lesson**

### **Risk Assessment**

Prior to commencing any water-based practical training session, the trainers should conduct a risk assessment to determine if it is safe to conduct practical training today. Although this does not have to be recorded, trainer's should consider the following:

- What are the surf conditions today (wave height, type and chop)?
- What are the weather conditions?
- Is it high or low tide?
- Is there sufficient space on the beach and in the water for training?
- Is there a suitable launch and landing site available?
- Is there seaweed or other debris in the water?
- How many trainers' are here today?
- Do the candidates have the skills to train in the prevailing conditions?

You should conduct this review with the candidates so that they also develop the skills to assess the prevailing conditions and their own limitations.

If there is a high level of risk the training session should be relocated or postponed.

For detailed risk assessment and management tools, please refer to the Safer Surf Clubs Guidelines Vol. 1.4 at [www.sls.com.au](http://www.sls.com.au)

### **Warm Up**

At the start of any practical training session candidates should perform a warm-up to minimise the risk of injury. This should last 10-15 minutes and include a heart rate raising activity such as jogging, followed by stretching.



## Topic 4 – Prepare and Drive the IRB

**Delivery Method:** Practical in water followed by theory on land

**Time:** This topic is divided into 3 sessions of approximately 4 hours each (including pre and post-operational procedures). Following this several more sessions are likely to be needed to achieve competence.

**Resources:** Learner Guide - Silver Medallion (IRB Driver) (1 per participant), fully equipped IRBs, Qualified IRB Drivers to act as crew

**Breaks:** Breaks to be determined by trainer, depending upon the needs of the candidates and the prevailing conditions, as well as the availability of equipment and support persons.

**Outcomes:** Topics covered in the next 3 lessons will help candidates to answer the questions:

1. What is the driver's role in setting up and restoring the IRB?
2. How do I work with a crew person to prepare and launch the IRB?
3. What key skills are used in driving the IRB safely in a variety of conditions?
4. How is the IRB safely returned to shore?

### Prepare and drive the IRB (Part 1)

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 mins	<ul style="list-style-type: none"><li>• Welcome course candidates</li><li>• Revision of safety and powercraft code of conduct</li><li>• Explain the key points that this lesson will cover:<ol style="list-style-type: none"><li>1. Risk assessment – is it safe to operate an IRB today?</li><li>2. Equipment set-up</li><li>3. Candidate warm-up</li></ol></li></ul>	Access to fully-equipped IRB/s and Driver/s or other support people



Timing	Key Points/Content/Method	Resources
	4. Crewing skills review 5. How to manoeuvre the IRB as Driver 6. Post-operational procedures	
BODY OF SESSION		
20 mins 	<b>Equipment set up</b> Discuss, demonstrate and ask candidates to correctly set up the IRB/s	Fully equipped IRB/s
45 mins 	<b>Crewing Skills Review</b> In the early stages of training, candidates should crew the boat whilst the Trainer launches it, before swapping over in open water. Further into training candidates may also crew for each other if a qualified trainer is present. Therefore, a recap of safe crewing techniques is necessary.  <b>Activity (Group) 4.1: Practical Activities</b> This session involves practical activities. You will need to explain and demonstrate the following tasks one at a time before supervising participant practise.  <b>Task one</b> On the beach simulate boarding the IRB as a Crewperson, and the correct positions for left and right turns, and punching a wave.  <b>Task two</b> Launch and board the IRB in water and practice crewing skills in the water, including communications skills and signals.	Learner Guide  Powercraft Manual 7 <sup>th</sup> Ed p 32-35  All required PPE  Access to fully-equipped IRB/s and Driver/s or other support people
2 Hours 	<b>Basic driving skills</b> In the initial stages of training whilst the candidates are learning to control the IRB the trainer should launch the IRB then swap with the candidate in open water.  <b>Activity (Group) 4.2: Practical Activities</b> This session involves a number of practical	LG p17  Reference: Powercraft Manual, 7th Ed, p 58-65



Timing	Key Points/Content/Method	Resources
	<p>activities. You will need explain and demonstrate the following tasks one at a time before supervising participant practise.</p> <p><b>Task One</b>            The candidate should practise using the throttle and tiller to manoeuvre the IRB on flat/calm water initially (for at least two hours) before attempting more challenging conditions. Practise wide and slow port and starboard turns. The trainer or supervising driver (acting as crew) should demonstrate when necessary and provide feedback on skills. You may also place the candidate in the crew position whilst you demonstrate the skills. If candidates do not act safely and responsibly and follow the Trainer's instructions, terminate the training session</p>	<p>All required PPE</p> <p>Access to fully-equipped IRB/s and Driver/s or other support people</p>
<p>45 mins</p> 	<p><b>Post operational procedures</b></p> <p><b>Activity (Group) 4.3: Practical Activities</b>            This session involves a number of practical activities. You will need explain and demonstrate the following tasks one at a time before supervising participant practise.</p> <p><b>Task One</b>            At the end of every practical training session, practise recovering, cleaning and storing the IRB including:</p> <ul style="list-style-type: none"> <li>• Supervising the crew person in completion of their post operational tasks</li> <li>• Removing the motor cowling, hosing the motor with fresh water and running out remaining fuel</li> <li>• Removing and storing the motor in accordance with local policy and procedures</li> <li>• Checking the IRB for damage, loose components or breakages</li> <li>• Storing the IRB in accordance with local policy and procedures</li> <li>• Refilling the fuel cell</li> </ul> <p><b>Task Two</b>            Conduct debriefing with crew person/s and take</p>	<p>Learner Guide</p> <p>Powercraft Manual, 6th Ed, p 30-31 &amp; 72-76</p> <p>All required PPE</p> <p>Access to fully-equipped IRB/s and Driver/s or other support people</p>



Timing	Key Points/Content/Method	Resources
	<p>special note of any signs or symptoms of operational stress on the part of crew or self – particularly following challenging incidents, accidents or injuries to self or others. Complete IRB log and any other reports as required for the specific operations conducted or by organisational policies and procedures.</p> <p><b>Task Three</b> Complete basic preventative maintenance such as:</p> <ul style="list-style-type: none"><li>• Lubrication and cleaning of the motor as required</li><li>• Replacement of spark plugs as required</li><li>• Adjusting the motor – particularly the idling control.</li></ul>	
<p>15 Mins</p> 	<p><b>Activity (Individual) 4.4: Post operational procedures</b></p> <p>Use the questions to review the practical tasks. Ask candidates to answer the questions individually in their Learner Guide before leading a discussion of the correct answers. Correct answers to the questions are found:</p> <ol style="list-style-type: none"><li>1. See p 74 Powercraft Manual 7th Ed under heading slow running</li><li>2. See p 18 Powercraft Manual 7th Ed</li><li>3. Discuss local standard operational procedures, including log book completion, other records kept and who should be notified.</li><li>4. See p18 Powercraft Manual 7<sup>th</sup> Ed under heading Life expectancy</li></ol>	<p>Learner Guide</p> <p>Powercraft Manual 7th Ed,</p>



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Timing	Key Points/Content/Method	Resources
CONCLUSION		
3 Mins	<ul style="list-style-type: none"><li>• Reconfirm topic outcomes – ask a few questions if you wish to summarise content covered.</li><li>• Reiterate the importance of safety</li><li>• Reiterate the importance of asking questions and communicating with your trainer/s</li><li>• Brief candidates about the next lesson.</li></ul>	



## Prepare and drive the IRB (Part 2)

### Water based practical session

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 mins	<ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Revision of safety and powercraft code of conduct</li> <li>• Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>1. Risk assessment – is it safe to operate an IRB today?</li> <li>2. Candidate warm up</li> <li>3. Launching and boarding an IRB</li> <li>4. Developing throttle and tiller control skills</li> <li>5. Returning the IRB to shore</li> </ol> </li> </ul>	Course attendance sheet
BODY OF SESSION		
20 mins 	<p><b>Equipment set up.</b>            Supervise candidates whilst they correctly set up the IRB/s</p>	Fully equipped IRB/s
45 mins 	<p><b>Launching and boarding an IRB</b>            Reference: Powercraft Manual, 7<sup>th</sup> Ed, p 58-60</p> <p><b>Activity (Group) 4.5: Practical Activities</b>            This session involves a number of practical activities. You will need explain and demonstrate the following tasks one at a time before supervising participant practise.</p> <p><b>Task One</b>            Simulate coordinating the launch and boarding of the IRB on dry land – making sure you communicate clearly to your crew person when to board the IRB and the position to take up.</p> <p><b>Task Two</b>            Complete pre-operational checks before</p>	<p>Learner Guide</p> <p>All required PPE</p> <p>Access to fully-equipped IRB/s and Driver/s or other support people</p>



Timing	Key Points/Content/Method	Resources
	<p>proceeding to practise coordinating the launch and boarding of the IRB in the water. Follow the 7 steps of the operational start checks and the start up procedures.</p> <p><b>Task Three</b>            Coordinate the launch and boarding of the IRB in calm conditions. Brief the crewperson on the mission/task and the commands used for boarding and operating. Practise different ways of launching and boarding the IRB suitable for different conditions.</p>	
<p>2-3 hours</p> 	<p><b>Basic driving skills</b></p> <p><b>Activity (Group) 4.6 : Practical Activities</b></p> <p>This session involves a number of practical activities. You will need explain and demonstrate the following tasks one at a time before supervising participant practice.</p> <p><b>Task One</b>            Practise driving the boat out through small surf while providing instructions to the crew person to enable them to effectively balance the boat. Practise the skills required to head out through the surf at an angle, unless larger waves need to be approached head on. Practise using the throttle to maintain the correct speed to ensure safe and economical progress through the waves.</p> <p><b>Task Two</b>            Practice returning to shore, ensuring crew person and beach patrol are both making appropriate observation to warn you of obstacles you cannot see. Provide directions to the crew person about when/how to alight from the IRB and lift the IRB above the water line.</p>	<p>Learner Guide</p> <p>All required PPE</p> <p>Powercraft Manual 7<sup>th</sup> Ed p 58-65</p>



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Timing	Key Points/Content/Method	Resources
20 mins 	<b>Equipment pack-down</b> Supervise candidates whilst they correctly pack-down equipment.	Access to fully equipped IRB/s and qualified Drivers
15 mins 	<b>Activity (Individual) 4.7: Review Launching and Boarding Activities</b>  Use the questions to review the practical tasks. Ask candidates to answer the questions individually in their Learner Guide before leading a discussion of the correct answers. Correct answers to the questions are found: 1 See p 58 Powercraft Manual 7th Ed under heading Boarding the IRB 2 See p 58 Powercraft Manual 7th Ed under heading Boarding procedure 3 See p 57 Powercraft Manual 7th Ed under heading Starting the motor 4 See p 57 Powercraft Manual 7th Ed under heading Changing Gears	Learner Guide  Powercraft Manual 7th Ed, p 57-58
<b>CONCLUSION</b>		
3 Mins	<ul style="list-style-type: none"> <li>• Reconfirm topic outcomes – ask a few questions if you wish to summarise content covered.</li> <li>• Reiterate the importance of safety</li> <li>• Reiterate the importance of asking questions and communicating with your trainer/s</li> <li>• Brief candidates about the next lesson.</li> </ul>	



## Prepare and drive the IRB (Part 3)

Water based practical session

Timing	Key Points/Content/Method	Resources
<b>INTRODUCTION</b>		
5 mins	<ul style="list-style-type: none"> <li>Welcome course candidates</li> <li>Revision of culture of safety and powercraft code of conduct</li> <li>Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>Risk assessment – is it safe to operate an IRB today?</li> <li>Candidate warm up</li> <li>Driving the IRB through surf</li> <li>Solo driving</li> </ol> </li> </ul>	Access to fully-equipped IRB/s and Driver/s or other support people
<b>BODY OF SESSION</b>		
20 mins 	<p><b>Equipment set up.</b>            Supervise candidates whilst they correctly set up the IRB/s</p>	Fully equipped IRB/s
3 hours 	<p><b>Advanced driving skills</b></p> <p><b>Activity (Group) 4.8: Practical Activities</b></p> <p>This session involves a number of practical activities. You will need to explain and demonstrate the following tasks one at a time before supervising participant practise.</p> <p><b>Task One</b>            Practise driving the boat out through moderate surf while providing instructions to the crewperson to enable them to effectively balance the boat. Practise the skills required to approach larger waves head on and punch through waves. Practise using the throttle to maintain the correct speed to ensure safe and economical progress through the waves.</p> <p><b>Task Two</b>            As for Task Two, but in slightly more challenging conditions, e.g., larger surf. Parallel running can</p>	Learner Guide  Reference: Powercraft Manual, 7th Ed, p 58-67  All required PPE  Access to fully-equipped IRB/s and Driver/s or other support people



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Timing	Key Points/Content/Method	Resources
	<p>also be attempted provided your trainer agrees that you are ready to practise this skill.</p> <p><b>Task Three</b>            Practise solo driving, as would be required if your crew person fell overboard. Including picking up a crewperson and returning to shore solo</p> <p><b>Task Four</b>            Practise returning to shore in more challenging conditions, including correct signalling.</p>	
20 mins 	<p><b>Equipment pack-down:</b>            Supervise candidates whilst they correctly pack-down the IRB/s..</p>	Access to fully equipped IRB/s
15 mins 	<p><b>Activity (Individual) 4.9: Review Driving skills</b></p> <p>Use the questions to review the practical tasks. Ask candidates to answer the questions individually in their Learner Guide before leading a discussion of the correct answers. Correct answers to the questions are found:</p> <ol style="list-style-type: none"> <li>1 See p 60-61 Powercraft Manual 7th Ed</li> <li>2 See p 64 Powercraft Manual 7th Ed</li> <li>3 See p 62-63 Powercraft Manual 7th Ed</li> <li>4 See p 66 Powercraft manual 7<sup>th</sup> Ed</li> <li>5. See p 67 Powercraft manual 7<sup>th</sup> Ed</li> </ol>	Learner Guide  Powercraft Manual 7 <sup>th</sup> Ed, p 58-65
<b>CONCLUSION</b>		
3 Mins	<ul style="list-style-type: none"> <li>• Reconfirm topic outcomes – ask a few questions if you wish to summarise content covered.</li> <li>• Reiterate the importance of candidates asking questions and communicating with your trainer/s</li> <li>• Brief candidates about the next lesson</li> </ul>	



## Topic 5 – Drive IRB to participate in rescues and perform emergency drills

**Delivery Method:** Water based practical session

**Time:** This topic is divided into 3 sessions of approximately 4 hours. Following this several more sessions are likely to be needed to achieve competence.

**Resources:** Learner Guide - Silver Medallion (IRB Driver) (1 per participant), fully equipped IRB(s), Qualified IRB Driver(s) to act as crew

**Breaks:** Timing of breaks to be determined by trainer, depending upon the needs of the candidates and the prevailing conditions, as well as the availability of equipment and support persons.

**Outcomes:** Topics covered in Part 2 will help candidates to answer the questions:

1. How is the IRB deployed in rescues?
2. What is the driver’s role in performing rescues, including:
  - a. driving and manoeuvring the IRB?
  - b. patient pick-up and transport?
  - c. coordination and communication with other patrol members and other emergency response services?
3. What emergencies can occur in operating the IRB and how should these be handled?

### Drive IRB to participate in rescues and perform emergency drills (Part 1)

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 Mins	<ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Revision of safety and powercraft code of conduct</li> <li>• Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>1. Risk assessment -is it safe to operate an IRB today?</li> </ol> </li> </ul>	



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Timing	Key Points/Content/Method	Resources
	2. Candidate warm up 3. Patient pick-ups 4. Transporting and lifting patients out of the boat	
<b>BODY OF SESSION</b>		
20 mins 	<b>Equipment set up.</b> Supervise candidates whilst they correctly set up the IRB/s	Fully equipped IRB/s
3 Hours 	<b>Rescue operations</b>  <b>Activity (Group) 5.1: Practical Activities</b> This session involves a number of practical activities. You will need explain and demonstrate the following tasks one at a time before supervising participant practise.  <b>Task One</b> Practise approaching single patients in flat/calm water, coming alongside and holding the IRB in position while the crew person lifts the patient on board – assisting with lifting as required while maintaining control of the throttle. Next practise this for more than one patient in clear open water. (Tip: Use a waterproof LifeTec Water Rescue Dummy or similar if you have one or can borrow one) Practise all appropriate methods of patient pick up suitable for the conditions, including the ‘tea bag’ pick up.  <b>Task Two</b> Practice rescues from launch to carrying the patient from the IRB upon returning to the beach. Practice prioritising casualties in a simulated mass rescue.	Learner Guide  Powercraft Manual, 6th Ed, p 37-42 & 68-69  All required PPE  Access to fully-equipped IRB/s and Driver/s or other support people
20 mins 	<b>Equipment pack-down:</b> Supervise candidates whilst they correctly pack-down the IRB/s..	Access to fully equipped IRB/s
15 Mins	<b>Activity (Individual) 5.2: Rescues review</b> Use the questions to review the practical tasks. Ask candidates to answer the questions individually in their Learner Guide before leading	Learner Guide  Powercraft Manual 7th Ed, p



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Timing	Key Points/Content/Method	Resources
	<p>a discussion of the correct answers. Correct answers to the questions are found:</p> <ol style="list-style-type: none"><li>1. See p 68-69 Powercraft Manual 7th Ed</li><li>2. See p 37-38 Powercraft Manual 7th Ed</li><li>3. See p 68 Powercraft Manual 7th Ed under heading Rescuing one casualty in broken water</li><li>4. See 69 Powercraft Manual 7th Ed under heading Mass Rescue</li><li>5. See p 69 Powercraft Manual 7th Ed under heading Mass Rescue</li></ol>	37-38 & 68-69
<b>CONCLUSION</b>		
3 mins	<ul style="list-style-type: none"><li>• Reconfirm topic outcomes – ask a few questions if you wish to summarise content covered.</li><li>• Reiterate the importance of asking questions and communicating with your trainer/s</li><li>• Brief candidates about the next lesson.</li></ul>	



## Drive IRB to participate in rescues and perform emergency drills (Part 2)

Water based practical session

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 Mins	<ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Revision of safety and powercraft code of conduct</li> <li>• Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>1. Risk assessment -is it safe to operate an IRB today?</li> <li>2. Candidate warm up</li> <li>3. Revision of patient pick-up</li> <li>4. Patient pick-up in surf</li> <li>5. Rescue scenarios</li> <li>6. Search and rescue operations</li> </ol> </li> </ul>	
BODY OF SESSION		
20 mins 	<p><b>Equipment set up.</b>            Supervise candidates whilst they correctly set up the IRB/s</p>	Fully equipped IRB/s
3 hours	<p><b>Advanced rescue operations</b></p> <p><b>Activity (Group) 5.3: Practical Activities</b>            This session involves a number of practical activities. You will need explain and demonstrate the following tasks one at a time before supervising participant practise.</p> <p><b>Task One</b>            As for activity 3.1 tasks one and two, in slightly more challenging conditions, e.g., broken water. Gradually increase the difficulty or level of challenge as your skills develop. Practise instructing the crew person to perform rescues using the rescue tube when conditions require this.</p> <p><b>Task Two</b>            Practice rescue skills from start to finish, making all the decisions required during the process and maintaining appropriate communication with crew</p>	<p>Learner Guide p 25</p> <p>Powercraft Manual, 6th Ed, p 37-42 &amp; 68-69</p> <p>All required PPE</p> <p>Access to fully-equipped IRB/s and Driver/s or other support people</p>



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Timing	Key Points/Content/Method	Resources
	person, beach patrol and others involved, e.g.: <ul style="list-style-type: none"> <li>• Receive the call</li> <li>• Prepare and launch the IRB</li> <li>• Maintain communication</li> <li>• Effect the rescue/s</li> <li>• Transport the patient</li> </ul>	
20 mins 	<b>Equipment pack-down:</b> Supervise candidates whilst they correctly pack-down the IRB/s.	Access to fully equipped IRB/s
15 Mins 	<b>Activity (group) 5.4: Search and Rescue Operations</b>  Use the questions to lead a discussion with the candidates. Correct answers to the questions are found: <ol style="list-style-type: none"> <li>1. See p 106-109 Powercraft Manual 7th Ed</li> <li>2. See p 106-108 Powercraft Manual 7th Ed</li> <li>3. See p 112 Powercraft Manual 7th Ed &amp; SLSA Policy 1.3 Body Retrieval</li> </ol>	Learner Guide  Powercraft Manual 7th Ed Chapter 5 P 106-113  SLSA Policy 1.3 Body retrieval
<b>CONCLUSION</b>		
3 mins	<ul style="list-style-type: none"> <li>• Reconfirm topic outcomes – ask a few questions if you wish to summarise content covered.</li> <li>• Reiterate the importance of asking questions and communicating with your trainer/s</li> <li>• Brief candidates about the next lesson.</li> </ul>	



## Drive IRB to participate in rescues and perform emergency drills (Part 3)

Water based practical session

Timing	Key Points/Content/Method	Resources
<b>INTRODUCTION</b>		
5 mins	<ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Revision of culture of safety and powercraft code of conduct</li> <li>• Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>1. Risk assessment -is it safe to operate an IRB today?</li> <li>2. Candidate warm up</li> <li>3. IRB capsize</li> <li>4. Fire on IRB/abandon IRB drill</li> <li>5. IRB breakdowns and emergency maintenance</li> </ol> </li> </ul>	
<b>BODY OF SESSION</b>		
20 mins 	<p><b>Equipment set up.</b>            Supervise candidates whilst they correctly set up the IRB/s</p>	Fully equipped IRB/s
3 Hours 	<p><b>IRB Emergencies</b></p> <p><b>Activity (Group) 5.5: Practical Activities</b></p> <p>This session involves a number of practical activities. You will need explain and demonstrate the following tasks one at a time before supervising participant practise.</p> <p><b>Task One</b>            Practise capsizing and righting the IRB without a motor. Practise in calm water and move on to more challenging conditions as your skill develops. This activity is not safe to do on land.</p> <p><b>Task Two</b>            Practise fire on IRB drill, including protecting others from potential danger, and in increasingly challenging conditions. This task should include practising abandoning (and later recovering) the</p>	<p>Reference:            Powercraft Manual, 7th Ed, p 45-46 &amp; 70-76</p> <p>Learner Guide</p> <p>All required PPE</p>



Timing	Key Points/Content/Method	Resources
	<p>IRB, although this routine may also be required in circumstances other than fire.</p> <p><b>Task Three</b> Practise diagnosing and rectifying basic motor faults while the IRB is underway, and also practise manoeuvring the IRB without a motor. Basic faults should be simulated rather than created where appropriate and be restricted to:</p> <ul style="list-style-type: none"><li>• Fuel blockages</li><li>• Faulty fuel lines</li><li>• Loose electrical connections</li><li>• Water in fuel</li><li>• Air in fuel cell</li></ul>	Access to fully-equipped IRB/s and Driver/s or other support people
20 mins 	<p><b>Equipment pack-down</b> Supervise candidates whilst they correctly pack-down the IRB/s.</p>	Access to fully equipped IRB/s
15 mins 	<p><b>Activity (Individual) 5.6 – IRB emergencies</b></p> <p>Use the questions to review the practical tasks. Ask candidates to answer the questions individually in their Learner Guide before leading a discussion of the correct answers. Correct answers to the questions are found:</p> <ol style="list-style-type: none"><li>1. See p 45 Powercraft Manual 7th Ed under heading IRB Capsize</li><li>2. See p 72 Powercraft Manual 7th Ed under heading Motor restart procedure after submersion</li><li>3. See p 45 Powercraft Manual 7th Ed under heading Abandon IRB drill</li><li>4. See p 44 Powercraft Manual 7th Ed under heading Fire-on-craft drill</li><li>5. See 45 Powercraft Manual 7th Ed under heading Manoeuvring IRB with a disabled motor</li></ol>	Learner Guide  Reference: Powercraft Manual, 7th Ed P 19, 45-46, & 72



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Timing	Key Points/Content/Method	Resources
CONCLUSION		
3 mins	<ul style="list-style-type: none"><li>• Reconfirm topic outcomes – ask a few questions if you wish to summarise content covered.</li><li>• Reiterate the importance of asking questions and communicating with your trainer/s</li><li>• Brief candidates about the next lesson.</li></ul>	



## Topic 6 – IRB Towing and Buoy Laying

NB: Buoy laying is not assessed in this course. However, it is important that IRB Drivers gain these skills as they may be required to lay buoys during their duties.

### Water-based practical session

**Time:** Approximately 3 hours

**Resources:** Course attendance sheet, Learner Guide- Silver Medallion (IRB driver) (1 per participant), Powercraft Manual, 7th Ed, all required PPE, access to fully-equipped IRB/s and Driver/s or other support people, buoys

**Outcomes:** Topics covered in this lesson will help candidates to answer the 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

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 mins	<b>Topic Overview</b> <ul style="list-style-type: none"><li>• Welcomer course candidates</li><li>• Revision of safety and powercraft code of conduct</li><li>• Explain the key points that this lesson will cover:<ol style="list-style-type: none"><li>1. Risk assessment –is it safe to operate an IRB today?</li><li>2. Candidate warm up</li><li>3. Buoy laying</li><li>4. IRB towing</li></ol></li></ul>	Attendance sheet
BODY OF SESSION		
20 mins 	<b>Equipment set up.</b> Supervise candidates whilst they correctly set up the IRB/s	Fully equipped IRB/s



Timing	Key Points/Content/Method	Resources
1 hour 	<b>Towing and buoy laying</b> <b>Activity (Group) 6.1: Practical Activities</b> Task One <ul style="list-style-type: none"><li>Discuss, demonstrate and ask candidates to practice correct IRB towing including:<ol style="list-style-type: none"><li>State marine laws regarding towing.</li><li>Attaching/removing tow ropes</li><li>Lifting outboard motor on the towed IRB</li></ol></li></ul> Task Two <ul style="list-style-type: none"><li>Discuss, demonstrate and ask candidates to practice correct IRB buoy laying (single buoy)<ol style="list-style-type: none"><li>Storage of anchors and buoys in the IRB</li><li>Safely manoeuvring in the IRB with anchors and buoys</li><li>Safely laying and retrieving buoys</li></ol></li></ul> Discuss and demonstrate the roles of the driver in line with crew roles.	Access to fully equipped IRB/s  Powercraft manual 7 <sup>th</sup> Ed p 70-71 & Appendix 2
20 mins 	<b>Equipment pack-down:</b> Supervise candidates whilst they correctly pack-down the IRB/s.	Access to fully equipped IRB/s
20 mins 	<b>Activity (Group) 6.2: Review Transport and Towing</b> Use the questions to review transport and towing. Ask the candidates to answer the questions individually in their Learner Guides and then use this information to lead a discussion. Correct answers to the questions are found: <ol style="list-style-type: none"><li>See p 134 Powercraft Manual 7<sup>th</sup> Ed</li><li>See p 134 Powercraft Manual 7<sup>th</sup> Ed</li><li>See p 70 Powercraft Manual 7<sup>th</sup> Ed</li><li>See p 20-21 Powercraft Manual 7<sup>th</sup> Ed</li><li>See p 71 Powercraft Manual 7<sup>th</sup> Ed</li></ol>	Powercraft Manual 7 <sup>th</sup> Ed p 70-71 & 134



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Timing	Key Points/Content/Method	Resources
CONCLUSION		
5 MINS	<ul style="list-style-type: none"><li>• Reiterate the importance of safety</li><li>• Reiterate the importance of asking questions and communicating with your trainer/s</li><li>• Brief candidates about the next lesson</li></ul>	



## Topic 7 – IRB Assembly, Storage and Maintenance

**Delivery Method:** Land-based practical session

**Time:** Approximately 1 hour

**Resources:** Course attendance sheet, Learner Guide- IRB Crew Certificate (1 per participant), Powercraft Manual, 7th Ed, access to fully-equipped IRB/s

**Outcomes:** Topics covered in this lesson will help candidates to answer the 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?

Timing	Key Points/Content/Method	Resources
<b>INTRODUCTION</b>		
5 mins	<p><b>Topic Overview</b></p> <ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Revision of safety and powercraft code of conduct</li> <li>• Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>1. Full assembly of IRB equipment</li> <li>2. Full pack-down of IRB equipment</li> <li>3. Basic equipment maintenance</li> </ol> </li> </ul>	<p>Course attendance sheet</p> <p>Powercraft code of conduct handout (Appendix 1)</p>
<b>BODY OF SESSION</b>		
<p>1 hour</p> 	<p><b>IRB Assembly Storage and Maintenance</b></p> <p><b>Activity (Group) 7.1: Practical Activities</b></p> <p>Discuss, demonstrate and ask candidates to practice correct IRB assembly and disassembly</p> <ol style="list-style-type: none"> <li>1. Fully inflating and deflating an IRB</li> <li>2. Inserting and removal of floorboards (class 1 and 3)</li> <li>3. Review manufacturer's operating manual and instructions for basic maintenance</li> </ol>	<p>Access to fully equipped IRB/s</p> <p>Powercraft Manual 7<sup>th</sup> Ed p 70-71 &amp; Appendix 2</p>



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Timing	Key Points/Content/Method	Resources
	4. Rolling up and storing IRBs (class 1 and 3)  Discuss and demonstrate the roles of the driver in line with crew roles.	
CONCLUSION		
5 MINS	<ul style="list-style-type: none"><li>• Reiterate the importance of safety</li><li>• Reiterate the importance of asking questions and communicating with your trainer/s</li><li>• Brief candidates about the next lesson</li></ul>	



## Topic 8 – Revision and Reflection

**Delivery Method:** Theory session

**Time:** Approximately 1 hour

**Resources:** Attendance sheet, Learner Guide Silver Medallion (IRB Driver) (1per participant), Powercraft Manual, 7th Ed,

**Outcomes:** This session provides candidates with the opportunity to reflect on the course and revise material in preparation for assessment.

Timing	Key Points/Content/Method	Resources
INTRODUCTION		
5 mins	<p><b>Topic Overview</b></p> <ul style="list-style-type: none"> <li>• Welcome course candidates</li> <li>• Revision of safety and powercraft code of conduct</li> <li>• Explain the key points that this lesson will cover:               <ol style="list-style-type: none"> <li>1. Revision and reflection of course</li> <li>2. Review of IRB Driver Learner Guide</li> </ol> </li> </ul>	Course attendance sheet
BODY OF SESSION		
1 hour	<p><b>Activity (Group) 8.1 Review Course Content</b></p> <p> Task one Reconfirm the topic outcomes and ask candidates if they have any questions about them. Discuss any queries</p> <p>Task Two Check that all Learner Guides have been completed and assist candidates with any questions they have queries about</p> <p>Task Three Discuss the assessment procedure, then ask candidates to fill in a course feedback form</p>	Learner Guides  Powercraft Manual 7 <sup>th</sup> Ed



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Timing	Key Points/Content/Method	Resources
CONCLUSION		
3 MINS	<ul style="list-style-type: none"><li>• Thank candidates for their time and efforts during the course and wish them luck for their assessment.</li></ul>	



## Assessment Summary

The assessment summary below outlines all of the tasks which must be completed satisfactorily for a course participant to be assessed as competent in the Silver Medallion (IRB Driver) and the competencies which it is aligned to.

Evidence Collection Supervised By:	Assessment Grouping	Assessment Activity Title
Trainer and Assessor	Practical	Task 1 – Log of Training Hours
Assessor	Theory	Task 2 – Written Questioning
Trainer and Assessor	Practical	Task 3 – Observation 1
Assessor	Practical	Task 4 – Observation 2

Candidates should complete all the practical and theory element of the course before being presented for assessment. Assessment task 1 and 2 should be completed before practical assessment in tasks 2 and 3 takes place.



## Assessment Activities



### **Assessment Task 1 Log of Training Hours**

Log of training hours sighted by Assessor. Candidates must demonstrate that they have completed their practical training in a variety of conditions and record this in the log of training hours in their Learner Guide. This log is to be presented to the assessor.

Assessors should advise candidates that if they intend on patrolling in an IRB where conditions are different from their award training, they should seek extra training.



### **Assessment Task 2: Written Questioning**

The written question paper and space for candidates to write their answers is provided in the Assessment Portfolio section of the Learner Guide. The Assessor should supervise candidates completing the assessment.



### **Assessment Task 3: Observation 1**

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. You may need to gather some of the evidence in a simulated environment. If so this environment must reflect real conditions. Assessment is to occur on a one to one basis.

The IRB Driver has responsibility for ensuring equipment is operational and provides assistance to crew members in undertaking checks. The IRB motor is maintained by the driver only.

Tasks are to be performed with the IRB driver demonstrating leadership and two way communication skills with crew members. Organisational policies and procedures are to be followed in all situations.



## **Assessment Task 4: Observation 2**

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. You may need to gather some of the evidence in a simulated environment. If so this environment must mirror real conditions. Assessment is to occur on a one to one basis.

Tasks are to be performed with the IRB driver demonstrating leadership and two way communication skills with crew members. Organisational policies and procedures are to be followed in all rescue situations. Assessment is to occur on a one to one basis.

Candidates are to perform a minimum of three rescues:

- Rescue 1- Beyond the break
- Rescue 2- In challenging conditions such as fog, rain, floating debris, headlands etc
- Rescue 3- In white-water (As per state requirements)



## **Assessment Tools**

Most tools for assessment do not need to be restricted. Even candidates may see the assessment tools prior to assessment as part of a fair assessment process. The difference between restricted and unrestricted assessment tools and where they can be found is explained below.

### **Unrestricted Assessment Tools**

The majority of assessment tools for candidates should be found in the individual assessment portfolio for each candidate. Some assessment tools such as group assessment checklists, or detailed observation checklists may have also been developed to assist assessors in conducting large group assessments and to ensure the reliability of assessment. These assessment tools can be found in Appendix 1 of this Delivery and Assessment Guide.

Observation sheets for Assessment tasks 2, 3 & 4 are in the Assessment Portfolio within the IRB Crew Learner Guide.

### **Restricted Assessment Tools**

The Delivery and Assessment guides for Australian Lifesaving Academy resources are intended for access to all personnel involved in delivery and assessment. To ensure authenticity of some assessment evidence, some assessment tools such as specific case studies and theory question papers are restricted. These tools are included as a part of Appendix 2. Appendix 2 is not included with this document and can be obtained by authorised personnel through their local state branch of the Australian Lifesaving Academy.

The following assessment tools are restricted and can be found in Appendix 2 of this resource.

- Assessment Task 1: Sample Answers to Written Questioning



## APPENDICES SUMMARY

### Appendix 1 – Restricted Assessment Tools

For Silver Medallion (IRB Driver), the following assessment tools are restricted:

- Sample Answers to Written Questioning

### Appendix 2 – RPL Documentation

Australian Lifesaving Academy RPL information comes in three sections. Section 1 is general RPL information; Section 2 is RPL information specific to the course and Section 3 are the forms to record assessment outcomes of RPL.

### Appendix 3– Mapping Documents

Mapping documents are primarily for the Registered Training Organisation to demonstrate how the training and assessment of a specific course meets the requirements of the qualification and units of competency to which it is aligned. Mapping documents can also be used by trainers and assessors who wish to understand the relationship between the course and the units of competency to provide more informed feedback about the materials or so that assessors can make reasonable adjustments to assessment tasks without affecting the validity of the assessment.

### Appendix 4 – Powercraft Code of Conduct



## APPENDIX 1 – Restricted Assessment Tools

Restricted assessment tools may include controlled theory papers, case studies and scenario descriptions. These resources are available through your state centre. For Silver Medallion (IRB Driver), the following assessment tools are restricted:

- Sample Answers to Written Questioning



### Assessment Task 2: Written Questioning (Sample Answers)

**Assessors:** This guide is to be used when reviewing answers provided by the participant for the questions below. The answers below may vary between candidates as in some instances there can be a number of correct answers. The questions below are provided to the participant via the restricted assessment tool – Assessment Task 1: Written Questioning.

1. List at least five of your responsibilities as the IRB Driver.

*Answers could include:*

- *Safety of crew members*
- *Safety of public*
- *Check and complete IRB Log Book*
- *Ensure all pre and post operational maintenance of the IRB and motor is complete*
- *Supervise the Crewperson in their duties*
- *Report damage to IRB Officer*
- *Read and Understand SOP's and be aware of operating issues*
- *Be aware of your own limitations and that of your crew*
- *Drive the IRB for patrol duties and rescue operations as directed by the patrol captain or incident coordinator.*

2. What are two main differences between an IRB Driver and a Crew Member?

*Answers could include:*

- *Driver is in charge of the boat-crew member is led by the driver*



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- *Crew member is responsible for their own safety-driver is responsible for all*
  - *Driver is responsible for steering the boat and crew is responsible for balance (trim) of boat*
  - *Driver manoeuvres the boat whilst Crewperson picks up patients.*
3. List three steps you would take to ensure the safety of crew?
- *Discuss with crew the conditions and their limitations*
  - *Stay within your own limitations*
  - *Communicate with and provide instructions to crew whilst driving*
4. Name three points in the Powercraft Code of Conduct and provide practical examples of how they apply to you IRB area?
- Points are:*
- *Act responsibly and with care*
  - *Promote a culture of safety*
  - *Your craft is high profile*
  - *Understanding your limitations and that of your crew*
  - *Follow operating procedures*
- Examples could include but are not limited to:*
- *The driver must maintain the safe operation of the craft, and is responsible for the safety of themselves, the crew and the public.*
  - *Respect and understand your limitations and your crew's limitations in varying conditions.*
  - *The speed, noise, power and smell of the IRB can be both annoying and frightening to swimmers and surfers. Respect the right of the public to enjoy their time at the beach.*
5. Under the SLSA Powercraft Code of Conduct whose safety is the IRB Driver responsible for?
- *Their Crew*
  - *The public*
  - *Themselves*
6. How do IRB drivers warn the public to stay clear of the IRB training areas?
- *Put up IRB training in progress signs*
  - *When in the water communicate using speech, signals and whistle as necessary.*



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7. Describe the correct procedure for filling the fuel cell.

- *Remove cell from IRB*
- *Use correct fuel mix*
- *Fill tank with adequate amount of fuel*
- *Only fill fuel cell in a well ventilated area*
- *Ensure no smoking or any naked flame within 10 metres*
- *Remove air pockets*
- *Minimise spillage*

8. Describe the correct procedure for lifting the motor and attaching it to the IRB and fuel cell?

- *Both driver and crew carry motor*
- *Ensure clamps are tightened*
- *Ensure safety cable is attached*
- *Secure fuel cell at 4 points*
- *Secure fuel line through all hoops*
- *Fuel line fitting is clean & free of sand*
- *Correctly connect fuel line to motor*

9. What are three of the main areas of wear on the IRB (excluding the motor)?

*Provide 3 of the following:*

- *Transom motor clamp plate*
- *Floor board hinge (soft hull)*
- *Underside of the hull*
- *Handle and foot strap connections*
- *Inflatable compartment valves*

10. What should be done to minimise wear on the IRB hull?

*Answers could include:*

- *Inflate IRB to the correct level*
- *Washing IRB after use*
- *Check IRB for damage and report to appropriate person*

11. In what position on the beach should the IRB be left in readiness for rescue work?

*Answer:*

- *Near the water's edge*
- *facing up the beach to drain*
- *Some clubs may keep their IRB on a trailer*



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12. What is the first thing the driver should do if the IRB capsizes?

- *Check the crew, him/herself and patient are safe*

13. List the steps involved in a motor restart procedure after a roll over.

- *Wash down motor with fresh water*
- *Ensure motor turned off*
- *Remove spark plugs*
- *Drain Carburettor*
- *Invert motor and pull starter cord 20 times*
- *Insert egg cup full of fuel into each sparkplug port*
- *Shake motor*
- *Invert motor and pull starter cord a further 10 times*
- *Replace carburettor drain plug*
- *Replace new spark plugs*
- *Start motor*
- *Run for at least two hours*

14. How would you prepare a radio for operations?

- *Put radio in waterproof container/bag*
- *Attach radio to harness (as applicable)*
- *Secure radio to IRB or self (as applicable)*
- *Attach safety cable (as applicable)*
- *Turn the radio on*
- *Perform a radio check*

15. Describe the correct method of calling your Club from the IRB to initiate a message on the two-way radio?

- *<<CLUB>> BASE, <<CLUB>> BASE, this is <<CLUB>> IRB*
- *OR as per local procedures*

16. Explain the procedure if your crew fell out of the IRB.

- *Safely manoeuvre the IRB to safety*
- *If possible return to a position where the crew member can reboard*
- *If unable to move to a position to pick-up the crew person return to shore, get another crewperson and then return to pick-up the first crew*
- *Communicate with the crew the action you are taking.*



17. Where and how would you attach a tow rope to the IRB?

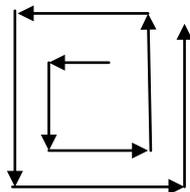
- *Clip the snap hook on the end of the rope to the transom eyelet.*

18. Describe four factors that should be considered when deciding whether you can safely tow another vessel?

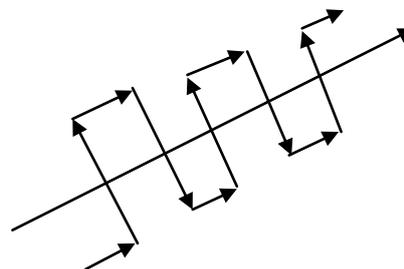
*Answers could include:*

- *The safety of the crew and the safety those on board the other boat.*
- *The size of the vessel to be towed*
- *The position of the vessel*
- *The situation of the vessel e.g. partially submerged, upside down*
- *Whether the skipper of the other vessel wishes to be towed*
- *The conditions*
- *The distance to be travelled*
- *The direction to be travelled*
- *Whether other assistance is available and more suitable*
- *The number of people on the other vessel and whether they remain on the vessel or are transferred to the IRB*
- *The capabilities of yourself and your Crew*
- *Local state and territory regulations*

19. Describe and draw one international search pattern.



*Square Search Pattern*



*Creeping Line Search Pattern*

20. What is the minimum number of members required to conduct an IRB Search and Rescue Operation? (part A)

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What roles do they need to fill (part B)

- ***Driver, Crew and Incident Coordinator***

21. Whilst on patrol you receive information from a member of the public that their friend is in distress in the water. What are the 5 steps you would take to perform a rescue?

- ***Identify the patient***
- ***Calling for assistance***
- ***Deciding on a course of action***
- ***Retrieving and securing the patient***
- ***Returning the patient to shore or signalling for assistance***

22. At the completion of a Search and Rescue Operation what relevant logs and forms need to be completed post operation?

***Answers:***

- ***IRB log sheet***
- ***Incident report***
- ***Patrol Log***

23. Give 2 reasons why it is important to have a debrief with your crew members at the completion of a Search and Rescue Operation?

***Answers could include:***

- ***To identify any problems***
- ***To discuss whether objectives were met***
- ***Provide opportunity for those involved to discuss their concerns***
- ***To advise crew of appropriate counselling if required***

24. How long should a motor be run for:

- (Part A) prior to use in the surf?

***At least 3 minutes***

- (Part B) following use in the surf?

***3-5 minutes***

25. List 5 of the guidelines that should be adhered to in the SLSA Body Retrieval Policy 1.3.

***Answers could include:***

- The body should be disturbed as little as possible***
- The Police Service should be notified as soon as practicable***
- Isolate the area***



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*iv. Consider:*

- *Members of the public*
- *Relatives/friends*
- *The deceased person*

*v. Note locations, times and other relevant details*

*vi. Keep any witnesses close to scene or take contact details*

*vii. At no time should the media be advised of any details*

26. Describe the steps in the fire-on-craft drill.

*1. Signal for assistance*

*2. Remain calm*

*3. The driver will steer the craft away from swimmers*

*4. The driver will manoeuvre the craft to minimise airflow fanning any flames*

*5. The driver will stop motor/engine (removing kill switch) and disconnect fuel line if safe to do so.*

*6. Driver instructs when to abandon the craft, preferably with rescue tube.*

*7. Ensure that any swimmers in the area are removed from danger.*



## **APPENDIX 2 – RPL Documentation**

### **Introduction**

Candidates who already have some of the required knowledge and/or skills for part or all of the Silver Medallion IRB Driver course can apply to complete a module or the whole course via an assessment only pathway – known as Recognition.

This document explains the recognition process and contains self-assessment tools for you to complete. These tools will assist you to make a decision about whether to apply for Recognition or to apply to attend training, or a combination of both.

### **Steps in the Recognition process**

1. Read this Guide and make a list of questions to ask your Assessor if necessary.
2. Discuss the Recognition process with your Assessor to ensure you understand the process and the possible outcomes.
3. Use the Self-Assessment contained in this Guide to help you decide whether to apply for Recognition.
4. If you decide to go ahead with Recognition, complete the application form
5. Complete the assessment and/or provide proof of your skills and knowledge to the assessor.
6. Assessor provides feedback and makes the assessment decision.
7. Provide feedback about the Recognition process using the evaluation form provided.
8. Any qualifications or statements of attainment achieved are issued to you.
9. If unsuccessful, ask the assessor to explain your options for attaining the qualification or statement of attainment.



## **Silver Medallion (IRB Driver)**

The Silver Medallion (IRB Driver) aligns with the nationally-endorsed units of competency PUAEQU001B Prepare, maintain and test response equipment and PUASAR014A Operate and maintain a small powercraft

### **Course outcomes**

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

Understand the roles and responsibilities of an IRB Driver, including:

- List the duties of an IRB Driver
- List the safety considerations when operating an IRB
- Provide direction to an IRB Crewperson in all their operational duties
- Communicate effectively with crewperson, the public and patients in the normal performance of duties.

Drive an IRB

- Identify the components of an IRB motor
- Launch an IRB safely and efficiently
- List motor hazards in the surf
- Safely and efficiently negotiate the surf while driving an IRB
- Perform emergency procedures

Perform rescues in an IRB as a Driver

- Perform conscious and unconscious casualty pick-ups
- Perform complex rescue operations including swimming rescues, sailboarder and kite surfer rescues
- Contribute to search and rescue operations; liaising effectively with other emergency response services as required

Prepare and maintain an IRB motor

- Perform pre-operational checks and preventative maintenance of the IRB motor
- Perform post-operational maintenance of the IRB motor
- Perform motor re-start procedure after immersion in the surf
- Report major wear or damage according to organisational procedures

### **Proof of relevant skills and knowledge**

In order to prove you already have the skills and knowledge delivered by this course, you can choose to EITHER:

- Complete the assessment tasks for the course  
OR
- Provide proof that demonstrates you have these skills and knowledge, which might include:
  - demonstrate skills to your assessor



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- reports or references supporting your relevant skills and knowledge
- names and contact details of referees
- other types of proof agreed with your assessor

The evidence sheets on the following pages will provide you with examples of evidence that you may have. Read the Evidence Sheets and use the Self Assessment forms on the next pages to help you make a decision about whether to apply for Recognition Assessment. Refer to the sample completed self assessment at the end of this Guide



## Silver Medallion (IRB Driver) Evidence Sheets

Summary of Unit Requirements	Explanation of relevant job roles <i>You may have developed the required competencies through work done in the following roles</i>	Examples of possible evidence and its requirements
<p><b>PUAEQU001B Prepare, maintain and test response equipment</b></p> <ol style="list-style-type: none"><li>1. Inspect response equipment</li><li>2. Test response equipment</li><li>3. Clean, maintain and restow equipment</li></ol> <p><b>Critical aspects of evidence:</b> It is essential for this unit that competence can be demonstrated in organisational procedures for inspection testing, cleaning and servicing of response equipment</p> <p>Consistency in performance Evidence should be gathered over a period of time in a range of actual or simulated workplace environments</p>	<p>IRB Driver</p> <p>Gear Steward</p> <p>Other Emergency Services Worker</p>	<p>Evidence of participation in club gear inspections</p> <p>Letters of support showing regular maintenance of lifesaving equipment</p> <p>Evidence of checking and sign off of equipment in Patrol or IRB logs</p>



<b>Summary of Unit Requirements</b>	Explanation of relevant job roles You may have developed the required competencies through work done in the following roles	Examples of possible evidence and its requirements
<p><b>PUASAR014A Operate and maintain a small powercraft and motor for rescue operations</b></p> <ol style="list-style-type: none"> <li>1. Prepare powercraft and motor for operations</li> <li>2. Transport powercraft to launch sites</li> <li>3. Launch and operate powercraft through surf</li> <li>4. Maintain a safe working environment for self and crew</li> <li>5. Perform rescue and operational task</li> <li>6. Return powercraft to shore safely</li> <li>7. Recover and restore powercraft</li> </ol> <p><b>Critical aspects of evidence:</b>            Assessment must confirm the ability to operate a powercraft during rescue operations in a range of surf conditions.            competency should be demonstrated over time in a range of actual or simulated surf conditions.</p>	<p>IRB Driver</p> <p>Thundercat racing</p> <p>SES flood rescue</p> <p>Recreation vessel operations</p>	<p>SLSA IRB Driver award – with evidence of currency</p> <p>SES Qualifications – evidence of relevance to the unit of competency</p> <p>IRB, Incident and Patrol Logs completed correctly and signed by candidate</p> <p>Letters from club personnel confirming competence as an IRB driver</p> <p>Evidence of successful participation in IRB competition such as placing/winning</p>



## Self Assessment

Use this Self Assessment if you believe you already have the skills and knowledge (competencies) covered in this course. It will help you to decide whether you want to be assessed for competency in this course instead of attending the training.

This Self Assessment relates to the following units of competency:

- PUAEQU001B Prepare, maintain and test response equipment
- PUASAR014A Operate and maintain a small powercraft and motor for rescue operations

These units form a part of the nationally recognised PUA31310 Certificate III in Public Safety (Aquatic Search and Rescue)

Please complete the self assessment below clearly identifying what proof you may have to demonstrate your competence in the right hand column as well as providing any additional information you consider necessary.

<b>I can do this</b>	<b>Yes/No</b>	<b>I can prove this by:</b> (describe here how you can support your claim of competence or describe your experience)
Inspect and test IRB and motor to prepare it for patrols or rescue operations PUAEQU001B Element 1&2 PUASAR014A Element 1		
Transport IRB to launch site PUASAR014A Element 2		



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Drive the IRB through surf safely directing the crew PUASAR014A Element 3 & 4		
Perform roll overs after capsize, deal with motor faults in the break PUASAR014A Element 4		
Perform rescues driving the IRB in broken and open water PUASAR014A Element 5		
Recover the IRB, complete post operational maintenance and complete reports PUAEQU001B Element 3 PUASAR014A Element 6 & 7		

Based on my responses above, I believe I can already demonstrate competency in all of the items listed above and would like to be assessed against these units of competency.

YES/NO

- If 'NO', you will need to attend the training and complete the associated assessment tasks to gain the skills and knowledge if you wish to attain the qualification/statement of attainment
- If 'YES', you should speak to your local trainer/assessor about proceeding with the Recognition of Prior Learning process.



## RPL Assessment Portfolio

This RPL portfolio includes all of the evidence you are required to submit to your assessor to demonstrate competence in the Silver Medallion (IRB Driver) 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
<b>SLSA Course</b> (RPL can only be granted here if competence is demonstrated in a surf lifesaving context)			
Silver Medallion (IRB Driver)			
<b>Nationally Recognised Units of competency</b>			
PUAEQU001B Prepare, maintain and test response equipment			
PUASAR014A Operate and maintain a small powercraft and motor for rescue operations			
Assessor Name			
Assessor Signature		Date	



## RPL Assessment Summary

Participant Name:			
Assessment Evidence	Date Completed	Satisfactory/ Not Satisfactory (S/NS)	Assessor Signature
PUAEQU001B Prepare, maintain and test response equipment			
PUASAR014A Operate and maintain a small powercraft and motor for rescue operations			
Comments:			



Summary of Unit Requirements (Taken directly from the Training Package)	Candidate Explanation (the candidate's own 'story' about their relevant experience)	Documentary Evidence Attached (Work samples, references, certificates and other documents organised in a folder and numbered or coded in some way)	
<p><b>PUAEQU001B Prepare, maintain and test response equipment</b></p> <ol style="list-style-type: none"> <li>1. Inspect response equipment</li> <li>2. Test response equipment</li> <li>3. Clean, maintain and restow equipment</li> </ol> <p><b>Critical aspects of evidence:</b>            It is essential for this unit that competence can be demonstrated in organisational procedures for inspection testing, cleaning and servicing of response equipment</p> <p>Consistency in performance            Evidence should be gathered over a period of time in a range of actual or simulated workplace environments</p>		Document No	Description
Reviewed and approved by Assessor: Name:		Signature	Date:



Summary of Unit Requirements (Taken directly from the Training Package)	Candidate Explanation (the candidate's own 'story' about their relevant experience)	Documentary Evidence Attached (Work samples, references, certificates and other documents organised in a folder and numbered or coded in some way)	
<p><b>PUASAR014A Operate and maintain a small powercraft and motor for rescue operations</b></p> <ol style="list-style-type: none"><li>1. Prepare powercraft and motor for operations</li><li>2. Transport powercraft to launch sites</li><li>3. Launch and operate powercraft through surf</li><li>4. Maintain a safe working environment for self and crew</li><li>5. Perform rescue and operational task</li><li>6. Return powercraft to shore safely</li><li>7. Recover and restore powercraft</li></ol> <p><b>Critical aspects of evidence:</b> Assessment must confirm the ability to operate a powercraft during rescue operations in a range of surf conditions. competency should be demonstrated over time in a range of actual or simulated surf conditions.</p>		Document No	Description
		Reviewed and approved by Assessor: Name:	Signature



## **APPENDIX 3 – Mapping Documentation**

A Mapping document shows the relationship of a course, to the Nationally Recognised units of competency to which it is aligned. This information will be useful to:

- Assessors who wish to make reasonable adjustments to the assessment process.
- Trainers & Assessors who wish to review resources and supply informed comments to improve the resources within the requirements of the units of competency.
- RTO personnel for extending scope of registration or proving compliance at audit
- Resource development personnel reviewing and redeveloping resources.



## Mapping Silver Medallion IRB Driver Learning and Assessment Materials to Units of Competency PUAEQU001B and PUASAR014A

### Important Note

Learning and assessment materials are written in an integrated manner with knowledge and skills introduced, developed and assessed over time.

Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
<b>PUAEQU001B Prepare, maintain and test response equipment</b>  <b>1. Inspect response equipment</b>  1.1 Equipment is <b>inspected</b> in accordance with <b>organisation's procedures</b>  1.2 Missing parts are identified and reported according to organisation's procedures  1.3 Faulty or damaged equipment is reported and recorded in accordance with organisation's procedures  <b>2. Test response equipment</b>  2.1 Equipment is tested according to approved procedures and is fit for purpose according to <b>organisation's standards</b>  2.2 Test results are <b>recorded</b> according to regulatory and organisation's requirements	<b>NB:</b> SLSA pre-requisite course IRB Crew Certificate (unaccredited) includes 6 hours introductory knowledge and skills in setting up, operating, cleaning and maintaining the IRB.  Topic 2 – p 14-16, Topic 4 p 19-22  Topic 2 p 14-16, Topic 4 p 20-22  Topic 2 p 14-16. Topic 4 p 19-22  Topic 2 – p 14-16, Topic 4 p 19-22  Topic 2 p 15-16, Topic 4 p 20-22	Written questions – all elements Progress Log – all elements  Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2  Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2  Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2  Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2  Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2	



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Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
<p>2.3 Defective equipment and sub-standard performance is reported and recorded according to organisation's procedures.</p> <p><b>3. Clean, maintain and restow equipment</b></p> <p>3.1 Equipment is cleaned, maintained, assembled and stowed according to organisation's procedures</p> <p>3.2 Equipment records are updated according to organisation's procedures</p> <p>3.3 Equipment is recovered, restowed and made ready for future use</p> <p><b>Critical aspects of evidence:</b></p> <p>It is essential for this unit that competence can be demonstrated in organisational procedures for inspection, testing, cleaning and servicing of response equipment.</p> <p><b>Required Skills</b></p> <ul style="list-style-type: none"> <li>• comply with material safety data sheets</li> <li>• inspect equipment according to organisation's procedures</li> <li>• safely use cleaning agents and chemicals</li> <li>• service and clean equipment according to organisation's procedures</li> <li>• test equipment according to organisation's procedures</li> </ul> <p><b>Required Knowledge</b></p>	<p>Topic 2 p 15-16, Topic 4 p 20-22</p> <p>Topic 2 p 14-16. Topic 4 p 20-22, Topic 7 p 39</p> <p>Topic 2 p 15-16, Topic 4 p 20-22</p> <p>Topic 4 p 20-22, Topic 7 p 39</p> <p>Topic 2, Topic 4 &amp; Topic 7</p> <p>Topic 2, Topic 4</p> <p>Topic 2, Topic 4 &amp; Topic 7</p> <p>Topic 2, Topic 4 &amp; Topic 7</p> <p>Topic 2, Topic 4</p>	<p>Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2</p> <p>Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2</p> <p>Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2</p> <p>Task 2 – written questioning, Task 3 – observation 1, Task 4 – observation 2</p> <p>Assessment is carried out over time by trainers and through the Training Log (task 1), and then competence is assessed by an assessor in Tasks 2, 3 and 4</p> <p>Task 3 &amp; 4</p> <p>Tasks 2, 3 &amp; 4</p> <p>Task 3 &amp; 4</p> <p>Tasks 2, 3 &amp; 4</p> <p>Tasks 2, 3 &amp; 4</p>	



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Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
<ul style="list-style-type: none"> <li>• identification of equipment</li> <li>• occupational health and safety policy relevant to the maintenance, servicing and testing of equipment</li> <li>• organisation’s policies and procedures concerning the use, testing, cleaning and servicing of response equipment</li> <li>• relevant parts of environmental legislation relating to waste water run off/pollution</li> <li>• safe working practices when maintaining, servicing and testing equipment</li> </ul>	<p>Topic 2</p> <p>Topic 2, Topic 4</p> <p>Topic 2, Topic 4 &amp; Topic 7</p> <p>Topic 2, Topic 4</p> <p>Topic 2, Topic 4 &amp; Topic 7</p>	<p>Tasks 2, 3 &amp; 4</p> <p>Tasks 2, 3 &amp; 4</p> <p>Tasks 2, 3 &amp; 4</p> <p>Task 3 &amp; 4</p> <p>Tasks 2, 3 &amp; 4</p>	
<p><b>PUASAR014A Operate and maintain a small powercraft and motor for rescue operations</b></p> <p><b>1. Prepare powercraft and motor for operations</b></p> <p>1.1 Relevant logbooks are reviewed for previous operational feedback and pre-use information is completed in accordance with organisational requirements</p> <p>1.2 Pre-launch check of motor and fuel cell is completed and motor and fuel cell is installed on powercraft in accordance with organisational procedures and manufacturer’s guidelines</p> <p>1.3 Crewperson is overseen in pre-launch checking of powercraft and ancillary equipment</p> <p>1.4 Own personal protective equipment (PPE) is applied or stowed</p>	<p><b>NB:</b> SLSA pre-requisite course IRB Crew Certificate (unaccredited) includes 6 hours introductory knowledge and skills in setting up, operating, cleaning and maintaining the IRB.</p> <p>Topic 2 p 14-16, Topic 4 p 22</p> <p>Topic 2 p 14-16</p> <p>Topic 2 p 14-16</p> <p>Topic 2 p 14-16</p>	<p>Task 1 – Training log, Task 2 – Written questioning, Task 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Task 2 – Written questioning, Task 3 &amp; 4 - Observation</p> <p>Task 1 – Training log, Task 2 – Written questioning, Task 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 -</p>	



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Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
<p>as appropriate and application or stowing of PPE by crewperson is overseen</p> <p>1.5 Two way radio equipment is prepared for operational communications</p> <p><b>2. Transport powercraft to launch sites</b></p> <p>2.1 Powercraft is transported to launch site ensuring safe manual handling by crew and other support personnel</p> <p>2.2 Powercraft is unloaded and positioned at water's edge ready for operational activities in accordance with organisational procedures</p> <p>2.3 Safety brief is completed with crewperson and other team members</p> <p><b>3. Launch and operate powercraft through surf</b></p> <p>3.1 Own level of competence and that of crewperson is reviewed in relation to <i>surf conditions</i></p> <p>3.2 Powercraft is lead, lifted and dragged to water with crewperson</p> <p>3.3 Motor is started when appropriate and safe to do so</p> <p>3.4 Powercraft is boarded safely and a <i>secure position</i> is assumed</p> <p>3.5 Crewperson is instructed to enter craft when appropriate in accordance with to surf conditions</p> <p>3.6 <i>Instructions</i> are communicated to crewperson as required</p> <p><b>4. Maintain a safe working environment for self and crew</b></p>	<p>Topic 2 p 14-16</p> <p>Topic 2 p 14, Topic 3 p 17</p> <p>Topic 2 p 14, Topic 3 p 17</p> <p>Topic 1 p 12-13, Topic 4 p 23-24</p> <p>Topic 4 p 23-26, Topic 5 p 27-34</p> <p>Topic 4 p 23-24</p>	<p>Observation</p> <p>Task 1 – Training log, Task 2 – Written questioning, Task 4 - Observation</p> <p>Task 1 – Training log, Task 2 – Written questioning, Task 4 - Observation</p> <p>Task 1 – Training log, Task 2 – Written questioning, Task 4 - Observation</p> <p>Task 1 – Training log, Task 2 – Written questioning, Task 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Task 2 – Written questioning, Task 3 &amp; 4 - Observation</p>	



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Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
4.1 Powercraft is operated safely around bathing public in accordance with prevailing surf conditions	Topic 4 p 19-26 and Topic 5 p 27-34	Task 1, Training log, Tasks 3 & 4 - Observation	
4.2 Safe distances from bathing public and <i>hazards</i> in the water are maintained	Topic 4 p 19-26 and Topic 5 p 27-34	Task 1, Training log, Task 2 – Written questioning, Task 3 & 4 – Observation	
4.3 Communication is maintained with shore and crewperson	Topic 4 p 19-26 and Topic 5 p 27-34	Task 1, Training log, Task 2 – Written questioning, Task 3 & 4 - Observation	
4.4 Smooth and safe operational conditions of powercraft is maintained in accordance with prevailing surf conditions	Topic 4 p 19-26 and Topic 5 p 27-34	Task 1, Training log, Tasks 3 & 4 - Observation	
4.5 <i>Emergency procedures</i> are implemented in accordance with organisational procedures	Topic 5 p 32-34	Task 2 – Written questioning, Task 3- Observation	
4.6 Powercraft is <i>manoeuvred</i> without operational motor	Topic 5 p 32-34	Task 2 – Written questioning, Task 3- Observation	
<b>5. Perform rescue and operational task</b>			
5.1 Requests for <i>assistance/tasks</i> from supervisor or <i>communicator</i> are acknowledged	Topic 5 p 27-31	Task 1, Training log, Tasks 3 & 4 - Observation	
5.2 Rescue/task information is communicated to crewperson	Topic 4 & Topic 5	Task 1, Training log, Tasks 3 & 4 - Observation	
5.3 Operational tasks are safely performed in accordance with organisational procedures	All Topics	Task 1, Training log, Task 2 – Written questioning, Task 3 & 4 - Observation	
5.4 Crewperson is directed to retrieve casualty/object using appropriate <i>retrieval techniques</i>	Topic 5 & Topic 6	Task 1, Training log, Task 2 – Written questioning, Task 4 - Observation	
<b>6. Return powercraft to shore safely</b>			
6.1 Safety and security of powercraft, crewperson and casualty/cargo for beaching is maintained	Topic 4 & Topic 5	Task 1, Training log, Task 2 – Written questioning, Task 4 - Observation	



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Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
<p>6.2 Permission to return to shore is signalled in accordance with organisational procedures</p> <p>6.3 Observation for hazards is maintained</p> <p>6.4 Craft is beached on shoreline with appropriate speed/direction</p> <p>6.5 Casualty is lead/cargo is lifted and removed from powercraft</p> <p>6.6 Safe position of craft is maintained in accordance with organisational procedures and operational readiness</p>	<p>Topic 4 p 25, Topic 5 p 28-30</p> <p>Topic 4 &amp; Topic 5</p> <p>Topic 4 p 25, Topic 5 p 28</p> <p>Topic 5 p 28, 30, Topic 6</p> <p>Topic 4 &amp; Topic 5</p>	<p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Tasks 3 &amp; 4 - Observation</p> <p>Task 1, Training log, Task 4 - Observation</p> <p>Task 1, Training log, Task 2 – Written questioning, Task 4 - Observation</p>	
<p><b>7. Recover and restore powercraft</b></p>			
<p>7.1 Powercraft is transported to storage using safe manual handling techniques</p>	<p>Topic 2 p 14, Topic 4 p 20-22</p>	<p>Task 1, Training log, Tasks 3 - Observation</p>	
<p>7.2 <i>Post-operational checks and maintenance of motor</i> are performed according to operational procedures and manufacturer's guidelines</p>	<p>Topic 4 p 20-22, Topic 7</p>	<p>Task 1, Training log, Task 2 – Written questioning, Task 4 - Observation</p>	
<p>7.3 Post-operational checks are supervised, powercraft is washed down and ancillary equipment is stored by crewperson</p>	<p>Topic 4 p 20-22</p>	<p>Task 1, Training log, Task 2 – Written questioning, Task 4 - Observation</p>	
<p>7.4 Powercraft and motor are stored in accordance with organisational requirements</p>	<p>Topic 4 p 20-22</p>	<p>Task 1, Training log, Task 2 – Written questioning, Task 4 - Observation</p>	
<p>7.5 Crewperson is debriefed and operational documentation is completed</p>	<p>Topic 4 p 20-22</p>	<p>Task 1, Training log, Task 2 – Written questioning, Task 4 - Observation</p>	
<p><b>Critical aspects of evidence:</b>  Assessment must confirm the ability to operate a powercraft during rescue operations in a range of surf conditions.</p>			



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Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
<p>competency should be demonstrated over time in a range of actual or simulated surf conditions.</p> <p><b>Required Skills</b></p> <ul style="list-style-type: none"> <li>• Communicate effectively with colleagues</li> <li>• Handle boats confidently and safely (specifically when coming alongside and towing)</li> <li>• Lead crew</li> <li>• Safely handle casualty</li> <li>• Secure small boats using knots and lashings</li> <li>• Swim in the surf in moderate conditions</li> <li>• Use radio communications</li> <li>• Use rescue tubes</li> <li>• Use recognised signals</li> </ul> <p><b>Required knowledge</b></p> <ul style="list-style-type: none"> <li>• Basic motor faults and associated repairs such as :               <ul style="list-style-type: none"> <li>○ Restarting a motor after capsize</li> <li>○ Loose ignition leads</li> <li>○ Air in fuel cell and motor</li> <li>○ Loose components</li> </ul> </li> <li>• Duties of a powercraft crewperson</li> <li>• Effects of wind, tide, swell and ocean floor on surf conditions</li> <li>• Features and signs of rips. Gutters, sweeps and currents</li> <li>• Local hazards and environmental threats</li> <li>• Local operating procedures and organisational standards</li> <li>• Onboard fire drill</li> <li>• Organisational policies and procedures</li> <li>• Pre and post-operational maintenance of powercraft and motor</li> </ul>	<p><b>NB:</b> SLSA pre-requisite courses Bronze medallion and IRB crew provide some of the required Skills and Knowledge. Annual proficiency is undertaken in these awards</p> <ul style="list-style-type: none"> <li>• Pre-req Bronze medallion</li> <li>• Topics 4,5 &amp; 6</li> <li>• All Topics</li> <li>• Pre-req Bronze &amp; Topic 5</li> <li>• Topic 2 p 14</li> <li>• Pre-req Bronze</li> <li>• Pre-req Bronze &amp; Topic 1 p13</li> <li>• Pre-req Bronze &amp; Topic 5</li> <li>• Topic 4 p &amp; Topic 5</li> <li>• Topic 5 p 32-34</li> <li>• Pre-req IRB Crew, Topic 2 p 15</li> <li>• Pre-req Bronze, Topic 5 p 31</li> <li>• Pre-req Bronze &amp; IRB Crew</li> <li>• Pre-req IRB Crew, Topic 4 &amp; 5</li> <li>• Pre-req IRB Crew, All Topics</li> <li>• Topic 5</li> <li>• All Topics</li> <li>• Topic 2 &amp; Topic 4 p 20-22</li> </ul>	<ul style="list-style-type: none"> <li>Task 1, 3 &amp; 4</li> <li>Task 1, 3 &amp; 4</li> <li>Tasks 1, 2, 3 &amp; 4</li> <li>Task 1, 2 &amp; 4</li> <li>Task 1 &amp; 2</li> <li>Bronze medallion assessment &amp; prof.</li> <li>Task 1,2, 3 &amp; 4</li> <li>Bronze medallion assessment &amp; prof.</li> <li>Task 1,2, 3 &amp; 4</li> <li>Task 1, 2 &amp; 3</li> <li>IRB Crew assessment &amp; prof.</li> <li>Bronze medallion assessment &amp; prof.</li> <li>Task 1,3 &amp; 4</li> <li>Task 1,3 &amp; 4</li> <li>Task 1,2, 3 &amp; 4</li> <li>Task 1, 2 &amp; 4</li> <li>Bronze medallion assessment &amp; prof.</li> <li>Bronze medallion assessment &amp; prof.</li> </ul>	



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Units and Elements of Competency*	Delivered in Learner Guide	Assessed in Assessment Activity	Notes/Comments
<ul style="list-style-type: none"><li>• Self-rescue techniques</li><li>• Surf awareness including beach safety zones</li><li>• Surf hazards</li><li>• Surf survival techniques</li><li>• Types of waves and their characteristic features</li></ul>	<ul style="list-style-type: none"><li>• Pre-req Bronze, Topic 5 p 32-34</li><li>• Pre-req Bronze, IRB Crew</li><li>• Pre-req Bronze medallion</li><li>• Pre-req Bronze medallion</li><li>• Pre-req Bronze medallion</li></ul>	Tasks 1,2, 3 & 4 Task 1, 2 &3 Bronze medallion assessment Bronze medallion assessment Bronze medallion assessment	



## **APPENDIX 4 - Powercraft Code of Conduct**

### **Act responsibly and with care**

The driver has a responsibility to the crew, the community and the organisation to act in a responsible and considerate manner before, during and after the operation of the craft. Accepting the fact that power rescue craft have to be driven with reasonable aggression, the driver should not allow this aggression to replace skill and safety in the operation of the craft. Drivers and crew are placed in an important position and should at all times act with responsibility and care.

### **Promote a culture of safety**

You must maintain the safe operation of the craft, and safety towards your crew, the public and yourself. Understand your role in assessing risk while operating the craft. Promote safety at every opportunity.

### **Your craft is high profile**

Powercraft operators must understand that SLSA powercraft are regarded as high profile. They are bigger and quicker than most craft in the water and a near miss for a board rider, body surfer or any person in the water can be a traumatic experience. The speed, noise, power and smell of the craft can be both annoying and frightening. Respect the right of swimmers and the public to enjoy their time at the beach.

### **Understanding your limitations and that of your crew**

Respect and understand your limitations and your crew's limitations in varying conditions. Experience, skills and knowledge of the craft differ from person to person. Drivers and crew should maintain a level of competency and adopt a culture of continuous improvement in relation to skill development.

### **Follow operating procedures**

Follow the normal operating procedures as laid down by SLSA training manuals and policy. Read and understand standard operating procedures and keep up to date with current issues. You have a responsibility to ensure the continued successful operation of this rescue service to the community.