



Surf Life Saving Australia

IRB Crewperson Award

Participant Workbook







IRB Crewperson's Skills Workbook

Introduction

This workbook will help guide the participant through the IRB Crewperson's Award and the knowledge, skills and training required to receive this award. It includes both theory and practical sessions. There are no fixed amount of hours required to complete the training. When the Club Training Officer - IRB and the participant feel they are confident and competent (See Assessment Summary Sheet) the assessment process may begin. Page numbers (P.xx) throughout this workbook refer to the 6th Edition Powercraft Manual.

Aims:

Crewperson's role is to:

-  carry out commands under the control of the IRB Driver
-  Look for hazards and signals
-  give signals, as required
-  Perform pre and post operational procedures
-  Perform search and rescue operations
-  Perform emergency crew responses

Prerequisites:

15 Years of age

Bronze Medallion/Certificate II in Public Safety (Aquatic Rescue)

Other Resources Required

This workbook should be used in conjunction with the:

- The 6th edition of the Powercraft Training Manual.
- 32nd edition Version 2 of The SLS Training Manual.
- A Training Officer's Guide is also available to help plan training sessions.

Candidate Details:

Name: _____ D.O.B. / /

Club/Service:

Assessor Name:

Signature:

Date of Assessment: / /

This resource is available for download on the SLSNSW website (www.surflifesaving.com.au) under "Academy/Resources"

Version 1, June 2002

Version 2, Re-issue November 2007



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 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, safety towards your crew, the public and yourself. Understand your role in assessing risk while operating the craft. Promote safety at any opportunity.

Your craft is high profile

Powercraft operators must understand that Powercraft are “high profile”, added to the fact that they are bigger and quicker than most craft in the water 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 and your crew’s limitations to perform in varying conditions.

Experience, skills and knowledge of the craft differ from person to person. Drivers and crew should maintain 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.

Safety First!

Pre Course:

1. What is the role of a crewperson ?

2. Describe some examples under the SLSA Powercraft Code of Conduct of appropriate and inappropriate behaviour

Code of Conduct	Appropriate behaviour that supports the Code	Inappropriate behaviour that is against the Code
Act responsibly and with care	Eg: Caution others who break the Code	Eg: A driver acting recklessly
Promote a culture of safety		
Your craft is high profile		
Understanding your limitations and that of your crew		
Follow operating procedures		

3. What are some of the patrol duties that IRB drivers and crewpersons perform?

4. Why is it important for the IRB crew to complete Logbooks? (P.35)

5. Why is it important to be keep the IRB shed neat and tidy?

6. How do IRB operators warn the public to stay clear of the IRB training area? (P.46)

Pre Operational Checks:

7. What should you read before every patrol and/or training session? (P.35)

8. List the safety equipment and items required for operation that go into an IRB?(P.34)

9. Is it OK for one person to lift the motor onto the transom? Why? (P.37)

10. What are the methods you can use to assist with manual handling of the IRB so that you can avoid injury from lifting etc? (P.37)

11. How do you check the pressure of pontoons? (P.35)

Inflation: It is essential that the pontoons and keelson are kept inflated at all times to the correct pressures as specified in the various manufactures manuals for the particular IRB concerned.

Launching IRB and Crewing Positions

(Dry Skills/ On-Land)

12. When launching the IRB, what is the crewperson's role? (P.39)

13. What are the 3 recognised methods for entering the IRB? (P.41-42)

14. What is the normal position for a crewperson in the IRB? (P.38)

15. What position should you be in if you go over a broken or green wave? (P.42)

16. What is the preferred position for picking up patients or buoys? (P.52)

17. What should you do if you fall out of a running IRB? (P.43)

18. What should you do if the Driver falls out of the IRB?

19. Describe how to re-right a capsized IRB? (P.49)

20. Describe how to surf the IRB back to the beach if the motor is disabled? (P.49-50)

21. Should anybody attempt to re-board an out of control IRB? (P.43)

YES

NO

22. When getting out of an IRB, when and where should the crewperson exit? (P.45)

23. Describe how to tow another IRB or craft? (P.50)

(Wet Skills/In Surf)

24. When should the crewperson enter the IRB? (P.40)

25. What position should you be in to negotiate a small wave? (P.42)

26. List 4 hazards that a crewperson should look for whilst crewing the IRB? (P.44)

27. If the IRB is on a collision course with a surfer (on the other side of a wave) but you don't know if the driver has seen them, what should you do ? (P.44)

28. When crewing an IRB, what are the signals that you may be required to perform ?

29. What is the preferred position for punching a wave? (P.44)

Patient Pick up

30. When being dropped off to act as a patient, on which side of the IRB should you enter the water? (P.53)

Inside of the turn OR Outside of the turn

31. When approaching a patient, why are they normally positioned on the port/driver side of the IRB? (P.52)

32. If required should you give an unconscious patient Rescue Breaths after rescuing them or should you wait until you reach shore? (P.58)

33. If a patient is near rocks, and it is too dangerous or too shallow for the IRB to approach, what might the IRBD tell you to do? (P.53)

Patient carry out of IRB:

34. Describe what could happen, when lifting a patient, if a crewperson does not communicate well with the driver? (P.55-56)

Search and Rescue Procedures:

35. Describe and draw the recognised search patterns used in Surf Life Saving? (P.30)

Addition knowledge & skills require during training. Discuss as a group.

Pre Operational Checks (IRB Driver to demonstrate and explain.)

1. Describe the motor checks?
2. Describe how to fill up a fuel cell, and what precautions to take?
3. Describe the checks for the IRB (hull)?
4. In what position on the beach should the IRB be left in readiness for rescue work?

Launching IRB and Crewing Positions

5. When launching the IRB where should the bow of the IRB be pointed?
6. What is your preferred method (P.41-42) of entering an IRB ?
7. When launching the IRB, what may happen if the water is too shallow OR too deep?
8. What is the preferred positions when turning left AND turning right ?
9. What is the preferred positions for picking up an object ?
10. What should you do if the Driver falls out of the IRB?

Patient Pick up

11. Will a patient have a clear open airway if they are lying flat on their back, on the floor of the IRB? What position should they be placed in initially?
12. Describe the method for picking up an unconscious patient in between broken waves?
13. What is the preferred positions for picking up a conscious patient ?

Patient carry out of IRB:

14. What signal should be performed, and who should perform it, if an unconscious patient is brought back to the patrol area in the IRB?
15. Describe a method to remove an unconscious patient from the IRB?
16. What is the correct way to treat a suspected spinal patient who has been rescued and is in the IRB?

Search and Rescue Procedures:

17. Describe how to transfer a patient from an IRB to a JRB?
18. Describe how to transfer a patient from a rescue board to an IRB?
19. Describe 3 methods of returning patients back to the beach in a mass rescue?

Post Operational Checks

20. Why is it important to flush the engine with fresh water after it has been used? IRB Driver to demonstrate and explain.
21. When hosing down, after removing the motor cowling, what should you avoid? IRB Driver to demonstrate and explain.
22. After every patrol what do you look for when checking the Propeller Safety Guard and propeller? IRB Driver to demonstrate and explain.
23. What should you do if you find something broken on the motor or IRB?
24. Why is it important to maintain accurate log books?



SLSA - IRB Crewperson Award Training Log Sheet

NAME:..... CLUB:.....
 ADDRESS:..... BRONZE MEDALLION DATE:.....
 OTHER AWARDS:.....
 STATE:..... P/CODE:.....
 PHONE: (Work)..... (Mob).....
 PHONE: (Home)..... E-mail:.....
 AGE:..... D.O.B:..... Signature of Participant:.....

Training Session No.	Date	Approx. Time Spent Training (Mminutes/Hours)	Comments	Training Officer Initials
1. Pre Course				
2. Pre Operations and equipment checks Equipment, Fire extinguisher and procedures, IRB set up, Motors, Propellers, guards, fuel, pre-launch checks				
3. Post Operational checks Wash down, pontoon pressures, fuel cell, flushing engine, log books TOTAL				
4. Launching IRB and Crewing positions (dry land) Entry methods, wave positions, turning positions, surfing in IRB, re-righting, air-pocket, picking up objects, operational hazards				
5. Launching IRB and Crewing positions (small surf) Listen to driver, keep IRB straight, Entry methods, wave positions, turning positions, picking up objects, operational hazards, depth of water, back shooting				
6. Launching IRB and Crewing positions (in surf) Listen to driver, keep IRB straight, Entry methods, wave positions, turning positions, picking up objects, operational hazards, depth of water, back shooting				
7. Patient Pick-up A) patient identification, pick up on dry land, pick up in flat water B) Conscious, unconscious, near rocks, in surf, assistance required				
8. Patient carry out of IRB Patient lift, communicating with driver and patrol, using the IRB to carry patient up the beach				
9. Search and Rescue Procedures Search patterns, different rescue techniques, near rocks, mass, patient transfer, after dark operations, towing another IRB, RWC, Windsurfer, etc.				
10. Combined Training Session Revise all that has been learnt in sessions 1-9				
Grand Total of Training Hrs				
Theory Examination				

NOTES: