



# Powercraft (IRB) Theory Component

## Skills Maintenance 2018

### Questions to answer in workbook

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Please record your answers to the following ten questions in your Powercraft (IRB) Workbook for Skills Maintenance 2018. All answers are based on the *SLSA Powercraft Training Manual 8<sup>th</sup> Edition* and pre-season updates from your SLS state/territory centre.

**Please note:** 100% is required to pass this assessment.

1. Which member of the IRB crew has the responsibility to check the IRB logbook previous entries for any relevant information?
  - a. The IRB Driver
  - b. The IRB Crewperson
  - c. Both the IRB Driver and Crewperson
2. What are some common hazards to avoid in addition to the obvious ones such as rocks, fuel, shallow sandbanks, UV rays and manual handling?  
Select all that apply.
  - a. Fatigue
  - b. Weed, plastic bags and other debris
  - c. Divers/snorkelers
  - d. Floating buoy lines
3. Which are examples of pre-operational checks?  
Select 4 options.
  - a. Cowling securely fitted
  - b. Motor safety cable attached
  - c. Tilt pin in correctly
  - d. Tow rope secure
  - e. Hull washed and sand removed
4. Which are examples of post-operational checks?  
Select 3 options.
  - a. Hull and ancillary equipment stored
  - b. Motor run and flushed (3-5 mins)
  - c. Fuel cell re-fuelled
  - d. Hull inflated to correct pressure
  - e. Stop switch working
5. What SLS document do you use to record IRB maintenance requirements and check service work performed?
  - a. Return to Surf Duties Form
  - b. Shark Report Log
  - c. Rescue Water Craft Log
  - d. Inflatable Rescue Boat Log
  - e. Incident Report Log
  - f. Patrol Log

6. What must always be available adjacent to refuelling operations?
- Rubbish bin
  - Stormwater drain
  - Suitable fire extinguisher
  - Sources of ignition
  - Hazardous materials cabinet
7. Which are examples of steps that describe how to lift an IRB correctly?
- Face in the direction you intend to lift
  - Bend the knees and crouch down, with a straight back
  - Balance with a wide base of support as you take hold of the object securely and close to your body
  - Have one person coordinate the lift can call 'ready, one, two, three, lift'
  - Brace your stomach and muscles and, while keeping your back straight, lift the object using your legs
  - All of the above
8. What makes a non-IRB crew member eligible to 'try out' the IRB following a risk assessment?
- Be at least 15 years
  - Be currently proficient in Bronze Medallion (or have met its prerequisites)
  - Have received initial instruction/training
  - Wear PPE that is applicable to personnel working with powercraft, e.g., approved lifejacket
  - All of the above
9. Which of the following are not common causes of IRB capsize?  
Select 2 options.
- Loss of power motor
  - Taking on a wave too fast
  - Wave catching up with IRB
  - Insufficient time to turn and run
  - Sandbanks
  - Floating buoy lines
10. Which current influencing search and rescue operations is not caused by local winds or tides?
- Wind current
  - Ocean current
  - Tidal current
  - Rip current