



| | | | | | | | | | |
|---|---|--|---------------------------|--|----------|--|----------|----------|----------|
| Name of activity | Power boat use | | Reference number | | | | | | |
| Location of activity | Lake Windermere | | Ratio for activity | | | NA | | | |
| Level of qualification needed to lead | Work boat drivers must hold RYA level 2 power boat and in-house induction. Safety boat drivers must hold RYA safety boat and in-house induction. | | | | | | | | |
| This document must be read in conjunction with | Lake Windermere byelaws and activity Standard Operating Procedures | | | | | | | | |
| Key: L – Likelihood, S – Severity, R – Risk | | | | Risk Score 1- 2 = Low 3- 4 = Medium 5- 6 = High | | | | | |
| Activity Description | Foreseeable Hazard | Who might be harmed and how? | L | S | R | Control measures | L | S | R |
| Travelling in power boat | Falling overboard | Driver or passengers drowning | 2 | 3 | 4 | PFDs buoyancy aids and appropriate clothing worn, driver must use kill cord and be trained in recovery techniques | 1 | 2 | 3 |
| Travelling in power boat | Falling overboard | Driver or passengers, cold water shock or hypothermia | 2 | 3 | 5 | PFDs buoyancy aids and appropriate clothing worn | 1 | 2 | 3 |
| Travelling in power boat | Falling overboard | Driver or Passengers impact with boat, towed vessel or propeller – Trauma or laceration. | 3 | 3 | 6 | Passengers and Driver must be sat down, on sponson, console or floor, not in the bow section before moving off. No high speed with passengers sitting on sponson. Check you do NOT exceed the Maximum number of passengers for the vessel. | 1 | 2 | 3 |



| Activity Description | Foreseeable Hazard | Who might be harmed and how? | L | S | R | Control measures | L | S | R |
|---------------------------------|--|--|---|---|---|--|---|---|---|
| Travelling in power boat | Falling overboard | Driver Impact with moving propeller Boat without helm making full circle and striking driver | 2 | 3 | 4 | Wearing correct length of kill cord, in good condition, with reinforcing core, attached to leg before gear is engaged and free from tangles with boat fittings Do not speed in except in emergency | 1 | 3 | 4 |
| Passengers in the boat | None swimmers falling overboard | Any none swimmer passengers in the boat drowning cold water shock | 2 | 3 | 6 | Any none swimmer in the boat must wear a full life jacket | 2 | 2 | 4 |
| Travelling in power boat | Wet, cold and wind | Driver and passengers, first stage hypothermia | 2 | 3 | 5 | Appropriate personal clothing for the conditions | 1 | 2 | 3 |
| Recovery of person in water | Engine's propeller | Anybody in the water being recovered or near the engine propeller, bodily injury | 2 | 3 | 5 | Stop engine when recovering a Person from the water. Qualified safety boat driver for all activities | 1 | 3 | 4 |
| Travelling in the powered boat. | Collision with other lake users' crafts Collision with obstructions and | Passengers of other craft Driver and passengers, bodily impact injury | 2 | 3 | 5 | Appropriate training, local knowledge and awareness of IRPCS Good lookout and do not speed if not an emergency | 1 | 3 | 4 |
| Travelling in the Power boat | Collision with other lake users' crafts | Driver and passengers, Bodily impact injury. Passengers of other craft | 2 | 3 | 5 | Maintaining an appropriate Level of speed. | 1 | 3 | 4 |



| Activity Description | Foreseeable Hazard | Who might be harmed and how? | L | S | R | Control measures | L | S | R |
|-------------------------------------|--|---|---|---|---|--|---|---|---|
| Travelling in the power boat | Mechanical breakdown, engine failure Or Engine flooding Or Running out of fuel | Driver and passengers cold, blown to unsafe location, | 2 | 2 | 4 | Regular engine maintenance schedule, mobile phone, wardens number carried, paddles Carried on-board. Anchor Carried in all powerboats Pre-operation RYA checks including one-part full tank and one full tank of fuel, enough oil, engine warmed until there is no delay in throttling up before sessions begin. | 1 | 2 | 3 |
| Supervising sessions from powerboat | Trips, Bumps, Cuts and Scrapes. Sun burn and Cold injuries | Students, Instructional staff or Passengers. | 3 | 2 | 5 | Supervising Staff should ensure RYA safety boat checklist is covered and that a suitable first aid kit and additional dry clothing is available on the craft. Appropriate footwear, hats, and clothing for the weather. Sun Block and sunglasses where required | 2 | 2 | 4 |



| Activity Description | Foreseeable Hazard | Who might be harmed and how? | L | S | R | Control measures | L | S | R |
|-------------------------------------|---|--|---|---|---|---|---|---|---|
| Long boat sailing | Weather not taken in to considerations lack communication about boats safety covering each other | Any body in a long boat, cold blown to un planned location distress to group members | 2 | 2 | 4 | Check of weather conditions agreed plan between lead Instructor in each long boat including sailing area | | | |
| Supervising sessions from powerboat | Mechanical breakdown, engine Failure. Or Engine flooding or Running out of fuel Resulting in; Loss of control of sailing or other sessions supervised By powerboat. | Clients in cold, water, operating vessels Unsupervised. Struck by other vessels Clients hyperthermia, head injuries, Drowning, psychological harm, damage To equipment. | 3 | 3 | 6 | Second operational powerboat available when session requiring powerboat Are running. (i.e. sat in boathouse) Centre cover includes someone onsite with level 2 qualification to bring out relief boat to safety boat operators. Mobile phone, Wardens number and Tower Wood OEC's numbers carried routinely by powerboat operators and immediately accessible to duty cover Pre-operation checks including minimum one part full tank and one full tank of fuel, sufficient oil, engine warmed until there is no delay in throttling | 1 | 3 | 4 |



| | | | | | | | | | |
|--|--|---|--------------------------|---|---|--|---|---|---|
| Supervising sessions Safety boating or power/work boat | Entanglement entrapments from loss rope in the boat | Boat driver or anybody in the boat tangled in loss unscored ropes in the boat | 2 | 2 | 4 | Driver to ensure all equipment and ropes in the boat are stowed and secured at all times preventing hazard of entanglements | 1 | 2 | 3 |
| Anybody getting into or out of the boat on a jetty | Falling in between the boat and jetty getting in or out of the boat | Boat driver or passengers trapped injured falling in between boat and jetty | 2 | 3 | 5 | Boat should be secured when passengers get in and out on a jetty. Driver awareness of hazard and training in managing the danger | 1 | 3 | 4 |
| Written by: Stuart Mander | | | Date January 2014 | | | Signature Stuart Mander | | | |
| Reviewed by: Stuart Mander | | | Date Nov 2016 | | | Signature Stuart Mander | | | |
| Reviewed by: Steve Taylor | | | Date January 2018 | | | Signature Steve Taylor | | | |
| Reviewed by: Nigel Stafford Haworth | | | Date January 2019 | | | Signature Nigel Stafford Haworth | | | |