

Wheely Winch for moorings check Risk assessment rev 2026				
Hazard	Locations	Description	Measures	Risk
Limb amputation shock and blood loss leading to death	Wheely boat lifting and inspecting moorings	Use of mechanical winch entrapment between tow wire and pulley. Incorrect assembly of winch cable to mooring cable. Incorrect release of mooring cable.	Training in safe assembly and use of winch. Minimum 2 Authorised persons use winch, secure and store winch Supervision Communications Access for emergency services	High
Injury caused by winch rope snapping	Wheely boat lifting and inspecting moorings	use of <b>winch</b> assembly and release causes other people to be harmed by ropes snapping or snagging	Training in safe assembly and use of winch Quarterly inspection and testing of winch Rescue plan First Aiders, Communications, Access for Emergency Services	High
Injury caused by winch	Wheely boat lifting and inspecting moorings	Incorrect use of use of <b>winch</b> remote control causes other people to be harmed by ropes snapping or snagging	Training in safe use of winch controls Quarterly inspection and testing of winch Rescue plan First Aiders, Communications, Access for Emergency Services	Medium
Over exposure to sun	All areas exposed to the sun	Prolonged ultra-violet light exposure to skin will result in burns, sunstroke or dehydration may result in loss of consciousness. Burns may at a later stage cause skin cancer.	Sun block must be applied and replenished as necessary Suitable clothing including hats should be worn Supervision Rescue plan Rescue craft First Aiders Communications Access for Emergency Services	Medium
Injury to neck and back	Wheely boat lifting and inspecting moorings	Manual handling of heavy loads may give rise to musculoskeletal injuries	Supervision Communication Team work Training Manual Handling risk assessment	Medium
Fire leading to smoke inhalation, burns and risk of death	Wheely boat	fire caused by winch overheating due to overload	1xBCF fire extinguisher available First aiders First aid kit in grab bag Communications Emergency Plan Access for Emergency Services	Medium
Electrocution	Wheely boat	Contact between wet hands and plug sockets resulting in electric shock	Segregation between wet areas and sockets Pat Testing Limit access to kitchen area First aiders First aid kit in Galley Communications Emergency Plan	Medium
Exposure	Open water	Fog,Low temperature,and wind chill	Training Supervision operating procedures First Aiders Access for Emergency Services Appropriate Clothing Bouyancy aids Standard Rescue plan Communications	Medium

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Secondary Drowning	Open water	Taking in water or water spray to the lungs.	Training Information leaflet to be distributed to affected parties about the signs of secondary drowning especially to vulnerable children or adults and their family or carers. Supervision Rescue plan First Aiders Specific communication to emergency services on evacuation of affected casualties Access for Emergency Services	Medium
Death by drowning	Open water	Fall from Power boat when moving at speed leading to injury from body of RIB, propeller or high speed fall into water	Training Supervision Bouyancy aids Safe operating procedures Rescue plan First Aiders Communications Access for Emergency Services	Medium
Death by drowning	Open water	Club members sail when no rescue cover provided	Membership risk awareness declaration Training Communications Access for emergency services	Medium
Heart attack in infirm adult or child	Open water	Slip trip or fall followed by immersion in cold water	Medical health declaration Thermal barriers (warm clothing) Bouyancy aids Training Supervision Rescue plan Rescue craft First Aiders Communications Access for Emergency Services	Medium
Fire leading to first degree burns and risk of death	Boat Fuel store	Static electricity causes fire when decanting volatile fuel	Authorised access to fuel store Key control Large Metal and small plastic containers to limit static charge build up Provision of funnels to minimise spillage Naturally ventilated area Goggles provided for eye protection Gloves provided for arm protection First aiders Communications Emergency Plan Access for Emergency Services	Low
Cuts and abrasions to hands or feet leading to infection	Wheely boat lifting and inspecting moorings	Routine handling of sharp or edged metal objects including refuse may result in cuts and abrasions	Use of gloves Limited periods of operation	Low
Permanent hearing loss	Wheely boat lifting and inspecting moorings	Extended use of winch and vessel outboard may result in hearing loss	Use of hearing protection Limited periods of operation	Low
Death by drowning	Wheely boat in open water	Slip trip or fall onto solid object resulting in loss of consciousness followed by immersion in water	Restricted access, Housekeeping in jetty area Rescue plan, First Aiders, Communications, Access for Emergency Services Bouyancy aids, Supervision,	Low

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Cuts bruises and abrasions to arms and legs	Wheely boat in Open water	Collision between wheely boat, buoys or other craft	Training Supervision Rescue plan First Aiders Communications Access for Emergency Services	Low
Injury	Open water	Ejection from wheely boat due to change in direction	Bouyancy aids Supervision Rescue craft Communications Emergency Services	Low
Injury	Open water	Slip,trip or fall followed by immersion in water	Bouyancy aids Supervision Rescue craft Communications Emergency Services	Low
Injury	Open water	On landing sailor exits the boat prematurely in too deep water	Bouyancy aids Supervision Rescue craft Communications Emergency Services	Low
Death by drowning	Wheely boat in open water	High windspeeds	Current meteorological forecasts Windspeed and direction indicators Command and control Medical health declaration, Thermal barriers (warm clothing) Bouyancy aids Training Supervision Rescue plan Rescue craft First Aiders Communications Access for Emergency Services	Low
Death by drowning	Wheely boat in open water	Capsize resulting in entanglement , immersion or entrapment under the hull	Bouyancy aids Masthead flotation where practicable Training Supervision Rescue plan Rescue craft First Aiders Communications Access for Emergency Services	Low
Death by drowning	Wheely boat in open water	Sailor ejected from wheely boat due to change in direction	Bouyancy aids Supervision Rescue craft Communications Emergency Services	Low

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Death by drowning	Wheely boat in open water	On landing sailor exits the boat prematurely in too deep water	Bouyancy aids Supervision Rescue craft Communications Emergency Services	Training Rescue plan First Aiders Access for	Low
Death by drowning	Wheely boat in open water	Slip trip or fall followed by immersion in water	Bouyancy aids Supervision Rescue craft Communications Emergency Services	Training Rescue plan First Aiders Access for	Low
Fire leading to second degree burns	Wheely boat in open water	Fuel leak from fuel tank ignited by hot engine surfaces leading to fire	Routine maintenance of rescue craft to check for leaking fuel lines and fuel containers Communications	Rescue plan	Low
Hypothermia leading to death	Wheely boat in open water	Decrease in body core temperature caused by decrease in temperature increase in windspeed or rain, sleet, or snow affecting infirm adults or children short term or all in the longer term	Thermal barriers (appropriate clothing), Evacuation from the water and strictly controlled rate of warming using aids e.g. space blanket Supervision, Rescue craft, Communications, Emergency Services	Training, Rescue plan, First Aiders, Access for	Low
Lightning strike leading to shock unconsciousness and risk of death by drowning	Wheely boat in open water	Lightning strike to vessel. Local high pressure wave causes shock leading to unconsciousness. This is followed by immersion in water.	On first thunder all ashore meteorological forecasts Windspeed and direction indicators Bouyancy aids Supervision Rescue craft craft First Aiders Access for	Current Windspeed and direction indicators Command and control Training Rescue plan Rescue Communications Emergency Services	Low