

Risk Assessment

Event	<b>Row Windermere Tour</b>	Date:	14/15 Sept'24	
Author	(Tour Safety Advisor)	Issue:	March'24	

No:	Hazard	Reduce probability a Hazard causing a Hazardous Event		Hazardous Event	Reduce the Severity of Harm		Harm	Severity (1-5)	Probability (A-E)	Level of Risk (L/M/S/I)	Action Owners				
		Barriers	Action to maintain barriers		Controls	Action to maintain controls					Event / Race Committee	Event / Club WSA	Safety Launch Drivers	Coaches	Coxes / Others

**Water (Wa)**

Wa1	<b>Rough Water prior to event.</b>	Cancel Rowing if conditions unsafe	Water Safety Advisor decides if conditions are unsafe AND Guidance with criteria for unsafe conditions.	Capsize or swamping of boats.	The Race Committee on advice from the Water Safety Advisor may choose to curtail, alter or suspend the race.	Cancel event	Rower(s) get wet and cold, risk of hypothermia	4	D	Intolerable	X	X				
Wa2	<b>Fast Flowing Water (perhaps following heavy rain prior to event).</b>	Cancel Rowing if conditions unsafe	Water Safety Advisor decides if conditions are unsafe AND Guidance with criteria for unsafe conditions.	Crew(s) cannot steer effectively.	The Race Committee on advice from the Water Safety Advisor may choose to curtail, alter or suspend the race.	Cancel event	Rower(s) get tired and frightened	4	D	Intolerable	X	X				
Wa3	<b>Rough Water during the tour.</b>	Stay in Sheltered Waters AND Cancel Rowing if conditions unsafe	The Race Committee on advice from the Tour Safety Advisor may choose to curtail, alter or suspend the race. All participants are members of Rowing Clubs affiliated to British Rowing and will have been taught procedures to deal with capsize. Qualified Safety Launch Drivers. Event Safety Plan details emergency procedures for imminent danger to loss of life.	Capsize or swamping of boats.	The Race Committee on advice from the Tour Safety Advisor may choose to curtail, alter or suspend the race. All competitors are members of Rowing Clubs affiliated to British Rowing and will have been taught procedures to deal with capsize.	Qualified umpires and use of Safety Launches. All launch drivers will have a RYA National Powerboat Level 2 Certificate and are in radio contact with Race Control, who can summon 1st aid if required. Coxes wear life jackets and athletes are coached in capsize and person (man) overboard drills.	Rower(s) get wet and cold, risk of hypothermia	2	D	Moderate	X	X	X			X
Wa4	<b>Floating debris</b>	Cancel event if too much debris is coming down stream	Inspect course for debris before allowing boats to launch. Remove or secure debris to the bank.	Collision with debris resulting in capsize or damage to boats	The Race Committee on advice from the Water Safety Advisor may choose to curtail, alter or suspend the race	Safety Launch crews will observe for floating debris and advise participants by loud hailer as they pass. All launch drivers will have a RYA National Powerboat Level 2 Certificate and are in radio contact with Race Control, who can summon 1st aid if required. Coxes wear life jackets and athletes are coached in capsize and person (man) overboard drills.	Rower(s) get wet and cold, risk of hypothermia. Damage to boats and equipment.	3	C	Moderate	X	X	X			X

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		Barriers	Action to maintain barriers		Controls	Action to maintain controls					Event / Race Committee	Event / Club WSA	Safety Launch Drivers	Coaches	Coxes / Others							
<b>Weather (We)</b>																						
We1	<b>Adverse weather (excessively cold, windy, foggy, etc.). Northerly Wind in access of 10 mph.</b>	Cancel rowing if conditions unsafe AND if rowing takes place ensure that rowers are correctly dressed.	Water Safety Advisor, Launch Drivers decides if conditions are unsafe AND Guidance with criteria for unsafe conditions AND information for rowers on appropriate dress.	Swamping of a boat due to adverse weather, capsizing, collision	The Race Committee on advice from the Water Safety Advisor may choose to curtail, alter or suspend the race. All competitors are members of Rowing Clubs affiliated to British Rowing and will have been taught procedures to deal with capsizing.	The Race Committee on advice from the Safety Advisor may choose to curtail, alter or suspend the race. This includes clothing appropriate to the weather conditions. Safety boats, and Marshals at the Start, carry exposure blankets to use in an emergency. Measures have been adopted to ensure the minimum amount of waiting time for crews. Crews will be listed on the Draw (crews listing) to take to the water in the sequence below. This aims to avoid vulnerable people being exposed to cold, wet or windy weather any more than necessary.	Rower(s) and safety Boat Crews get wet and cold, risk of hypothermia	2	C	Low	X	X	X			X						
We2	<b>Hot weather.</b>	Ensure that rowers are correctly dressed and suitably protected	Coaches or Water Safety Advisor decides if conditions are unsafe AND Guidance with criteria for unsafe conditions.	Exposure to sun and high temperatures.	Participants and coaches are warned that if the weather is hot and sunny, crews must have access to sun-screen, hats and water bottles while afloat.	Ensure that rowers carry drinking water and have access to sun-screen, hats and water bottles.	Sunstroke, sunburn or dehydration.	1	C	Low	X	X				X						
We3	<b>Cold and exposure.</b>	Ensure that rowers are correctly dressed	Coaches or Water Safety Advisor decides if conditions are unsafe AND Guidance with criteria for unsafe conditions.	Exposure to low temperatures.	Participants' equipment checked for clothing appropriate to the weather condition to ensure their fitness to race.	Safety boats, and Marshals at the Start, carry exposure blankets to use in an emergency. Measures have been adopted to ensure the minimum amount of waiting time for crews. Crews will be listed on the Boating Schedule (crews listing) to take to the water in a specific sequence. This aims to avoid vulnerable people being exposed to cold, wet or windy weather any more than necessary. Tents (typically 3m x 3m x 2m) will be provided for leisure and lunchtime, if continuous or heavy rain is forecast.	Rower(s) and Safety Boat Crews get cold, risk of hypothermia	1	C	Low	X	X	X	X	X	X						

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<b>Other water users (U)</b>															
U1	<b>Other boats on the Lake</b>	Rowers comply with the navigation rules AND keep a good lookout	Navigation rules communicated during coxes briefings and reminders to members to keep a good lookout. Lake Wardens to be advised. Their assistance may be called by [radio/mobile phone]. Boats to start at 10/15 second intervals and the safety launch will	Collision with another rowing boat	Marshalls, Safety Launches throughout the course.	All competitors are members of Rowing Clubs affiliated to British Rowing and will have been taught procedures to deal with capsizes. Qualified umpires, marshals and Safety Launches marshal competitors up to the Start. Experienced Marshalls supervise the start marshalling areas above the Start. All launch drivers will have a RYA National Powerboat Level 2 Certificate and are in radio contact with Race Control, who can summon 1st aid if required. Coxes wear life jackets and athletes are coached in capsizes and person (man) overboard drills.	Capsizes, Injury or Boat Damage.	2	D	Moderate		X	X	X	X
U2	<b>Commercial vessels.</b>	Rowers comply with the navigation rules AND keep a good lookout	Navigation rules communicated during coxes briefings and reminders to members to keep a good lookout. Lake Wardens to be advised. Their assistance may be called by [radio/mobile phone]. Boats to start at 10/15 second intervals and the safety launch will follow the first and last boat of the flotilla.	Collision with a boat.	Marshalls, Safety Launches accompany the flotilla throughout the course.	All Participants are members of Rowing Clubs affiliated to British Rowing and will have been taught procedures to deal with capsizes. Experienced Marshalls supervise the start marshalling areas above the Start. All launch drivers will have a RYA National Powerboat Level 2 Certificate and are in radio contact with Race Control, who can summon 1st aid if required. Marshalls, umpires and safety launch drivers in constant contact with Tour Control to communicate the presence of other vessels. Coxes wear life jackets and athletes are coached in capsizes and person (man) overboard drills.	Capsizes, Injury or Boat Damage.	2	D	Moderate		X	X	X	X
<b>Local Environment (L)</b>															
L1	<b>Taking the wrong course.</b>	Rowers comply with the navigation rules AND keep a good lookout	Navigation rules communicated during coxes briefings and reminders to members to keep a good lookout. Lake Wardens to be advised. Their assistance may be called by [radio/mobile phone]. Boats to start at 10/15 second intervals and the safety launch will follow the first and last boat of the flotilla.	Rowing into commercial traffic	Marshalling/Safety Boats located at the front and rear of the flotilla	Coxes and scullers are briefed prior to the race. Clubs are sent a map of the course as part of the Tour Safety Plan. Coxes wear life jackets and athletes are coached in capsizes and person (man) overboard drills. The 2 cuts each have an Umpire and safety boat at that point to warn participants.	Capsizes, Injury or Boat Damage.	4	B	Moderate		X	X	X	X
L2	<b>Traffic on the parking areas.</b>	Crews comply with Parking Marshalls Instructions.	Parking Marshalls communicate with crews.	Collision with vehicles and trailers.	Provision of first aid AND quarantine damaged boats.	Area marshalled by NW Rowing volunteers. Traffic marshalls are in radio contact with each other, and with Race Control.	Injury or Boat Damage	2	C	Low	X			X	X

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	Beach landing TBA																		
<b>Going afloat and landing (G)</b>																			
G1	Slippery (muddy) surface on the Landing Stage.	Reliance on vigilance of coaches, rowers, coxes and Landing Stage Marshalls.	briefings and reminders to rowers and coaches	Slips when launching or recovering boats.	Provision of first aid.	Maintain training and equipment.	Minor injury, potential damage to boat.	2	C	Low		X			X		X		
<b>Around the boathouse (including handling boats on land) (A)</b>																			
A1	Boat Handling	Clubs train rowers how to handle boats correctly	Participants are generally experienced members of rowing clubs	Injury caused by boat handling on land	Provision of first aid AND quarantine damaged boats.	Maintain First Aid training and equipment.	Minor injury, potential damage to boat	2	C	Low	X	X			X		X		
A2	Trailer loading and unloading	Clubs train members how to load boat trailers.	Briefings and reminders to members. Parking Marshalls communicate with crews.	Injury caused when loading boat trailers.	Provision of first aid AND quarantine damaged boats.	Maintain First Aid training and equipment.	Minor injury, potential damage to boat	2	B	Low									
A3	Fire	The host club or facility will have an Emergency Plan	Briefings and reminders.	Injury caused by fire.	Fire extinguishers are available. Fire Brigade will be called in an emergency.	Boat-trailer park area and Marshalls are present to control participants. Details of response are provided in the Tour Safety Plan sent to all Clubs and marshals attending.	Major Injury.	4	B	Moderate	X	X			X		X		
A4	Interaction.	Crews keep a good lookout when handling boats.	Parking Marshalls and Crew Call communicate.	Collision between participants and spectators.	Provision of first aid.	Parking Marshalls and Crew Call throughout trailer area.	Minor Injury.	2	B	Low	X	X			X		X		
<b>Faulty, incorrectly set and poorly maintained equipment (F)</b>																			
F1	Gate not correctly closed.	Check boats before going afloat.	Notices and reminders to rowers and coaches.	Scull or oar comes out of gate	Participating clubs to ensure all rowers have done a swim test and a capsize drill. AND teach the Buddy Rescue Technique AND provide safety launches with qualified drivers AND provision of first aid.	Qualified umpires and use of Safety Launches. All launch drivers will have a RYA National Powerboat Level 2 Certificate and are in radio contact with Race Control, who can summon 1st aid if required. Coxes wear life jackets and athletes are coached in capsize and person (man) overboard drills.	Capsize	3	B	Low							X		X
F2	Boat not correctly set up and adjusted for rower.	Ensure correct adjustment before going afloat.	Notice and reminders to rowers and coaches.	Rowers suffers muscle-skeletal injury.	Provide First Aid treatment and possibly provide physiotherapy or other appropriate treatment.	Maintain First Aid training and equipment.	Musculo-skeletal injury	2	C	Low							X		X
<b>Pre-existing health conditions and low levels of fitness (P)</b>																			
P1	Sudden Illness	Clubs are responsible for ensuring all competitors are competent to row the course without putting themselves or others at risk	Notice and reminders to rowers and coaches.	Illness or collapse of a rower on land	1 <sup>st</sup> aid provision. All safety launches carry a First Aid kit. AED mobilised with the flotilla and online CPR and AED training provided to the marshals.	Maintain training and equipment.	Unknown health effects	2	B	Low	X	X	X	X					

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P2	<b>Cardiac Arrest</b>	Clubs are responsible for informing the Organising Committee if they have participants with any pre or existing health conditions that will impact their safety and that of others	Notice and reminders to rowers and coaches.	Recovering an incapacitated person	Emergency Response Plan	Marshals and Umpires Briefed on the Emergency Response Plan	Fatality			Low	X	X	X	X	

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<b>Other (O)</b>															
O1	Inexperienced coxes or rowers.	Novice rowers in stable quads with experienced cox Briefing to advise the best course to steer on the day.	Lake Wardens to be advised. Their assistance may be called by [radio/mobile phone]. Boats to start at 10/15 second intervals and the safety launch will follow the first and last boat of the flotilla.	Capsize or collision.	All competitors are members of Rowing Clubs affiliated to British Rowing	The whole tour flotilla will be supervised by marshals, safety boats with 2-way radios. They can provide advice to a steerer, warn officials downstream by radio about badly-steered boats, or hold a crew at the side of the lake and get a safety launch to accompany them back to the landing stages, if they are judged a hazard to others (e.g. due to steering equipment problems). An extended coxes & steerers briefing is held prior to the tour to explain these hazards. Coxes wear life jackets and athletes are coached in capsize and person (man) overboard drills.	Capsize, Injury or Boat Damage.	3	A	Low	X	X	X	X	X
O2	Transport of boats by road.	Care by car and/or trailer drivers.	Information and guidance to drivers of trailers by participating clubs.	Collision when transporting boats.	Provision of first aid AND quarantine damaged boats.	Maintain First Aid training and equipment AND maintain boat repair equipment and skills.	Potential injury, damage to boats.	3	B	Low				X	X
O3	Safeguarding: injury, abuse and harm to children and vulnerable adults	Safeguarding policy read and understood by participants and Organising Committee. Safeguarding Policy shared with participants (with entry details) and on the event website.	Annual Review and update of Safeguarding policy in line with British Rowing and Canal & River Trust guidelines and policy website.	Participants involved in a Safeguarding incident (injury, abuse and harm to children and vulnerable adults)	1.Participants made aware of safeguarding protocols as part of health and safety briefing. 2.Leader to confirm that they have read and understood your / Canal and River Trusts safeguarding policy. <a href="https://canalrivertrust.org.uk/media/original/43701-safeguarding-policy-april-2021.pdf?v=989010">https://canalrivertrust.org.uk/media/original/43701-safeguarding-policy-april-2021.pdf?v=989010</a> 3.Outline procedure for raising concerns. 4.Lead person to be identified and contact details included. Name: Judith Rimmer Contact number : TBC or asking for "Tour Control" on the day.	Annual Review and update of Safeguarding policy in line with British Rowing and Canal & River Trust guidelines and policy	Safeguarding incident	4	A	Low	x	x	x	X	X
O4	Invasive Species	Proper Invasive species control procedures in Competitor instructions.	Annual Review and update of Competitor instructions ref Invasive species control. (Ref to Canal & River Trust and British Rowing practices)	Outbreak of Invasive species that could have been avoided through CLEAN - DRY - CHECK	Competitor instructions to remind them of CLEAN - DRY - CHECK Principles with reference to: Invasive species control   Canal & River Trust (canalrivertrust.org.uk)  LINK: <a href="https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcanalrivertrust.org.uk%2Fspecialist-teams%2Fmaintaining-our-waterways%2Fvegetation-management%2Finvasive-species-control&amp;data=05%7C02%7Cpaul.jackson%40sa.p.com%7C8ede7feaa76d4708fa1008dc1b53e665%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638445295078734651%7CUnknown%7">https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcanalrivertrust.org.uk%2Fspecialist-teams%2Fmaintaining-our-waterways%2Fvegetation-management%2Finvasive-species-control&amp;data=05%7C02%7Cpaul.jackson%40sa.p.com%7C8ede7feaa76d4708fa1008dc1b53e665%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638445295078734651%7CUnknown%7</a>	Annual Review and update of policy in line with British Rowing and Canal & River Trust guidelines and policy	Outbreak of Invasive species	3	A	Low	x	x	x	X	X
O5	NOTE. Participants instructions Remind crews that all boats must be licensed; Control Commission checks when boating include a check that all boats show valid identification.														

		People	Assets
<b>Severity</b>	<b>1</b>	Slight injury or health effect <i>(Requires little or no treatment; no need to take time off rowing or training)</i>	Minor damage to equipment <i>(&lt;£100)</i>
	<b>2</b>	Minor injury or health effect <i>(Requires First Aid or rest; potentially a few days off rowing or training)</i>	Damage repair costs low <i>(£500)</i>
	<b>3</b>	Moderate injury or health effect <i>(Requires treatment beyond simple First Aid; potentially a week or so off rowing or training)</i>	High damage repair costs <i>(&gt;£1000)</i>
	<b>4</b>	Major injury or health effect <i>(Requires hospital treatment for more than one day; potentially a few weeks off rowing or training)</i>	Very high damage repair costs <i>(loss of boat, 3rd party damage)</i>
	<b>5</b>	Fatality or Life Threatening Injury or Health Effect <i>(could end a rowing career or cause hospitalisation for a few months)</i>	Major damage & major costs <i>(loss of several boats, high 3rd party damage)</i>

<b>Low</b>	An acceptable level of risk. No additional barriers/controls Start or continue the activity bu
<b>Moderate</b>	An acceptable level of risk that : Implement additional barriers/cc Start or continue the activity wi
<b>Substantial</b>	An unacceptable level of risk. Improve the barriers/controls a Do not start or continue the ac
<b>Intolerable</b>	An unacceptable level of risk. Improve the barriers/controls a Do not start or continue the ac

Probability			
A	B	C	D
<b>Highly improbable</b> <i>(has not been known to happen in rowing)</i>	<b>Improbable</b> <i>(has been known to happen in rowing)</i>	<b>Possible</b> <i>(could happen to about 1% of the club's active members per decade)</i>	<b>Probable</b> <i>(could happen to about 1% of the club's active members per year)</i>
Low	Low	Low	Low
Low	Low	Low	Moderate
Low	Low	Moderate	Substantial
Low	Moderate	Substantial	Intolerable
Moderate	Substantial	Intolerable	Intolerable

are required.

it check that the current barriers/controls remain effective.

should be reviewed.

ontrols to reduce the risk if the opportunity arises.

th care.

nd allocate resources to reduce the risk.

tivity until the risk has been reduced.

nd allocate resources to reduce the risk.

tivity until the risk has been reduced. Prohibit the activity if it is not possible to reduce the risk.





ROWING

E
<b>Highly probable</b> <i>(could happen to about 10% of the club's active members per year)</i>
<b>Moderate</b>
<b>Substantial</b>
<b>Intolerable</b>
<b>Intolerable</b>
<b>Intolerable</b>


Event Committee	Event WSA
The Race Committee on advice from the Water Safety Advisor may choose to curtail, alter or suspend the race.	The Race Committee on advice from the Water Safety Advisor may choose to curtail, alter or suspend the race.
Cuts are marked off with lines of red buoys for the race.	Competitors and coaches are warned that if the weather is hot and sunny, crews must have access to sun-screen, hats and water bottles while afloat.
Ensure that washing facilities and showers are provided.	Navigation rules communicated during coxes briefings and reminders to members to keep a good lookout.
Ensure that competent first aid support and facilities are available	Warn Competitors about 2 cuts.
Ensure that First Aid treatment and possibly physiotherapy or other appropriate treatment is provided to rowers with musculo-skeletal injuries	Provide information to coaches on landing crews and carrying the boat back to the boathouse or towing it with a launch
	Ensure that there are hot weather action notices in the boathouse and instructions to rowers and coaches
	Ensure that navigation rules and instructions to keep a good look out are on display in the boathouse
	Ensure that overhanging trees and other hazards are marked on the navigation plan.
	Provide information for rowers on biological hazards (avoidance and treatment)
	Provide briefings and reminders to coaches about slippery surfaces at the water's edge.

Safety Boat Drivers	Coxes
Competitors and coaches are warned that if the weather is hot and sunny, crews must have access to sun-screen, hats and water bottles while afloat.	Warn Competitors about 2 cuts.
Competitors' equipment checked for clothing appropriate to the weather condition to ensure their fitness to race.	Ensure that rowers carry drinking water
Navigation rules communicated and reminders to members to keep a good lookout.	Understand and comply with the navigation rules
Warn Competitors about 2 cuts.	Ensure that rowers to handle boats correctly.
Ensure safety boats are fuelled, fully equipped i.e. carry first aid boxes, boat hook, paddles and ladders suitable for use with that launch.	Check and ensure that gates are correctly closed a the start of each outing.
Take responsibility for their own safety and adequately dressed for the prevailing weather conditions	Check and ensure that adjustments are correct at the start of each outing.
	Keep a good look out at all times

**Crew Call / Lading Stage**

Competitors' equipment checked for clothing appropriate to the weather condition to ensure their fitness to race.

Competitors and coaches are warned that if the weather is hot and sunny, crews must have access to sun-screen, hats and water bottles while afloat.

Navigation rules communicated and reminders to members to keep a good lookout.

Check and ensure that gates are correctly closed a the start of each outing.






<p style="text-align: center;"><b>Low</b></p>	<p>An acceptable level of risk.          No additional barriers/controls are required.          Start or continue the activity but check that the current l</p>
<p style="text-align: center;"><b>Moderate</b></p>	<p>An acceptable level of risk that should be reviewed.          Implement additional barriers/controls to reduce the risk          Start or continue the activity with care.</p>
<p style="text-align: center;"><b>Substantial</b></p>	<p>An unacceptable level of risk.          Improve the barriers/controls and allocate resources to r          Do not start or continue the activity until the risk has be</p>
<p style="text-align: center;"><b>Intolerable</b></p>	<p>An unacceptable level of risk.          Improve the barriers/controls and allocate resources to r          Do not start or continue the activity until the risk has be          to reduce the risk.</p>



barriers/controls remain effective.

if the opportunity arises.

reduce the risk.  
then reduced.

reduce the risk.  
then reduced. Prohibit the activity if it is not possible



