

#	Hazard	Description of hazardous event	Risk	Person(s) at risk	Planned action(s) to control risk	Severity (1-5)	Probability (A-E)	Level of Risk	Responsible
<b>Water</b>									
1	Boats on the water for racing or on rafts waiting to push off/land	Capsize or submerge	Hyperthermia Drowning Infection Trapped inside the boat Collision	Competitors & River users	Rescue with launch. Administer first aid. Warm casualty up slowly. Marshals to fire klaxon to immediately stop racing in the event anyone is in the water. Marshals to carry out boat checks prior to boating (heel restraints, bow ball, hatch covers if applicable). List of boat checks sent to all boat club committees before the event. Boats that do not meet the criteria will not be permitted to push off. All competitors must have passed an OURC approved swim test to qualify for racing.	2	B	Low	Crews, Coxswains, Boat club committees, Marshals, Event committee
2	Boats on the water for racing or on rafts waiting to push off/land	Collision into obstacles or other boats	Injury to crews/river users Damage to boats Damage to moored boats Crew members in the water	Competitors & River users	Rescue with launch. Administer first aid. Marshals to fire klaxon to immediately stop racing in the event anyone is in the water. Marshals to liaise with other river users to keep clear of the racing line and instructed to fire klaxon to stop racing if anything/anyone is impeding the racing line. Marshals to carry out boat checks prior to boating (heel restraints, bow ball, hatch covers if applicable). Coxes to attend briefing prior to the event. All novice coxes must have a bank rider. Circulation pattern sent to all crews in advance and competitors and bank riders are expected to understand and follow the circulation pattern. All competitors must have passed an OURC approved swim test to qualify for racing.	3	C	Moderate	Crews, Coxswains, Boat club committees, Marshals, Event committee
	Boats on the water for racing or on rafts waiting to push off/land	Collision into moored boats	Damage to moored boats Damage to rowing boats	Competitors & Moored boat owners	Circulation pattern sent to all crews in advance and competitors and bank riders are expected to understand and follow the circulation pattern. In the event of an inevitable collision marshals should klaxon and racing should immediately stop. In the event of a collision the event committee will put the offending club in contact with the moored boat owner to discuss options.	2	B	Low	Crews, Coxswains, Boat club committees, Marshals, Event committee
3	Boats on the water for racing or on rafts waiting to push off/land	Collision between boat and person in water	Injury Unconsciousness Drowning	Competitors & River users	Rescue with launch. Administer first aid. Marshals to fire klaxon to immediately stop racing in the event anyone is in the water. Circulation pattern sent to all crews in advance and competitors and bank riders are expected to understand and follow the circulation pattern. Crews entered must be able to row all eight safely and crews that are deemed unsafe may be asked to land at any point and may be pulled from racing, at the discretion of the event committee. This information will be sent to all boat club committees prior to the event. All competitors must have passed an OURC approved swim test to qualify for racing.	4	B	Moderate	Crews, Coxswains, Boat club committees, Marshals, Event committee
4	Boats on the water for racing or on rafts waiting to push off/land	Over-exertion	Injury	Competitors	Crews expected to fully warm up on land prior to boating. Captains/coaches expected to enter crews physically capable of racing that are deemed unsafe may be asked to land at any point and may be pulled from racing, at the discretion of the event committee. This information will be sent to all boat club committees prior to the event. Any crews deemed to be unsafe may be removed on the judgement of the event committee.	3	B	Low	Crews, Coxswains, Boat club committees
5	Boats on the water for racing or on rafts waiting to push off/land	Faulty or poorly maintained equipment	Collision due to steering Crews trapped in boats Lifejackets not inflating	Competitors & river users	Safety information regarding boat safety checks sent to captains prior to racing and competitors are expected to check the equipment is safe to race. Marshals to carry out boat checks prior to boating. In the case of a capsize/serious collision launch to assist and first aid to be administered.	2	b	Low	Crews, Coxswains, Boat club committees, Marshals
6	Boats on the water for racing or on rafts waiting to push off/land	Pre-existing health conditions	Health implications	Competitors	Crew members are responsible for carrying their own medication if required (e.g. inhaler). This information will be sent to all boat club committees prior to the event. First aid to be administered in applicable.	3	B	Low	Crews, Coxswains, Boat club committees
7	Launches on the course	Capsize Collision Caught in propeller	Damage to launch Drowning	Launch drivers Passengers	All launch drivers are to be RYA2 trained All launch drivers and passengers must wear lifejackets Second launch to assist if needed Drivers must wear kill cords at all times whilst operating the launch.	2	B	Low	Launch drivers, Event committee
<b>Weather</b>									

Severity		People	Assets	Probability				
				A	B	C	D	E
				Highly improbable (has not been known to happen in rowing)	Improbable (has been known to happen in rowing)	Possible (could happen to about 1% of the club's active members per decade)	Probable (could happen to about 1% of the club's active members per year)	Highly probable (could happen to about 10% of the club's active members per year)
1	Slight injury or health effect (Requires little or no treatment: no need to take time off rowing or rest)	Minor damage to equipment (<£100)	Low	Low	Low	Low	Moderate	
2	Minor injury or health effect (Requires First Aid or rest; potentially a few days off rowing or training)	Damage repair costs low (£500)	Low	Low	Low	Moderate	Substantial	
3	Moderate injury or health effect (Requires treatment beyond simple First Aid; potentially a week or so off rowing or training)	High damage repair costs (>£1000)	Low	Low	Moderate	Substantial	Intolerable	
4	Major injury or health effect (Requires hospital treatment for more than one day; potentially a few weeks off rowing or training)	Very high damage repair costs (loss of boat, 3rd party damage)	Low	Moderate	Substantial	Intolerable	Intolerable	
5	Fatality or Life Threatening Injury or Health Effect (could end a rowing career or cause hospitalisation for several weeks)	Major damage & major costs (loss of several boats, high 3rd party damage)	Moderate	Substantial	Intolerable	Intolerable	Intolerable	

**Low**      An acceptable level of risk.  
No additional barriers/controls are required.  
Start or continue the activity but check that the current barriers/controls remain effective.

#	Hazard	Description of hazardous event	Risk	Person(s) at risk	Planned action(s) to control risk	Severity (1-5)	Probability (A-E)	Level of Risk	Responsible
1	High stream/bad weather making conditions un-rowable	Novice coxes and crews being unable to cope with weather and stream conditions	Equipment damage Rowers injured Collision Exertion Unnecessary stress on Novices coxes	Competitors	Senior Umpire to assess weather and conditions in consult with Event committee to decide if race is safe to occur. Implement coxing status restrictions at the event committees discretion.	3	D	Moderate	SU and Event committee
2	Lightning	Struck by lightning	Electrical burns Shock	Competitors, marshals and event committee	All crews to leave the water and seek appropriate shelter immediately "30-30 Rule" to be used as advised by BR. Senior Umpire issues instructions to everyone at river by radios. Coxes briefed on what to do in the event of lightning at pre-event briefing	3	B	Low	Coxswains, Boat club committees, Marshals, Event committee, SU
3	Extreme cold	Crews become too cold	Mild hypothermia Cold muscles leading to injury Delayed reaction times	All competitors especially coxswains	Rowers to complete a full warm up on land prior to boating Competitors to wear sufficient layers during warm up and racing and bring change of dry kit for afterwards. This information will be sent to all boat club committees prior to the event. Made aware of the warning signs of hypothermia prior racing and advised to monitor others in the crew. SU and event committee to monitor conditions and make a judgement call on extreme cold	2	C	Low	Crews, Coxswains, Marshals, Boat Club committees
4	Extreme cold	Marshals become too cold	Mild hypothermia Delayed reaction times	Marshals and event committee	Marshals advised to wear plenty of layers beforehand Regular welfare checks for marshals and warm drinks provided. Made aware of the warning signs of hypothermia prior to shift. SU and event committee to monitor conditions and make a judgement call on extreme cold	2	D	Moderate	Marshals, event committee
5	Ice on the water	Collision	Equipment damage Injury	Competitors & river users	SU and event committee to monitor conditions launches to clear very small quantities of ice Racing cancelled if the ice cannot be cleared	1	B	Low	Event committee, SU
6	Low Visibility (Fog)	Collision Outcome of race undetermined	Equipment damage Injury	Competitors & river users	SU and event committee to monitor condition Use adequate lighting on boats If visibility is reduced to less than 100m on any part of the racing course then racing is suspended or cancelled.	3	B	Low	Crews, Coxswains, Boat club committees, Marshals, Event committee
7	Low Visibility (Light)	Collision Outcome of race undetermined	Equipment damage Injury	Competitors & river users	SU and event committee to monitor condition Use adequate lighting on boats. All boats must have lights if they will be on the water 1 hour before sunset If visibility is reduced to less than 100m on any part of the racing course then racing is suspended or cancelled.			Low	Crews, Coxswains, Boat club committees, Marshals, Event committee
<b>Land based</b>									
1	Boats being moved on the land	Collision Injury	Injury to crews Injury to bystanders	Competitors Bystanders	Crew and coxswains to remain aware of surroundings when manoeuvring boats (very few spectators expected) Can contact marshals/face desk if first aid is needed	2	C	Low	Coxswains, crews
2	Bank riders accompanying crews	Collision involving accompanying cyclists/pedestrians	Injury to cyclists and pedestrians falling in the river	Bank riders Pedestrians	Bank riders must check bikes have working brakes, lights and are advised to wear a helmet whilst cycling. One bank rider permitted per crew, unless training novice coxes in which case must get approval from event committee Expected spectators are low and only two crews racing at once so chance of collision with spectators low. Marshals to fire klaxon in the event anyone is in the water and launches to assist and first aid will be administered.	1	D	Low	Bank riders, Boat club committee
3	Ice on the towpath	Collision possible immersion Falling off bike	Injury to cyclists and pedestrians falling in the river	Bank riders Pedestrians	SU and event committee to assess conditions, if deemed not bikeable then the event may be cancelled or restricted to only X/S coxes so that bank riders are no longer required	3	B	Low	SU and Event committee

<b>Moderate</b>	An acceptable level of risk that should be reviewed. Implement additional barriers/controls to reduce the risk if the opportunity arises. Start or continue the activity with care.
<b>Substantial</b>	An unacceptable level of risk. Improve the barriers/controls and allocate resources to reduce the risk. Do not start or continue the activity until the risk has been reduced.
<b>Intolerable</b>	An unacceptable level of risk. Improve the barriers/controls and allocate resources to reduce the risk. Do not start or continue the activity until the risk has been reduced. Prohibit the activity if it is not possible to reduce the risk.