



### Leicester Rowing Club Regatta Sun 23 April 2023 Event Risk Assessment



		Reduce probability a Hazard causing a Hazardous Event				Reduce the Severity of Harm		Action Owners						
Hazard		Barriers	Action to maintain barriers	Hazardous Event	Controls	Harm	Severity (1-5)	Probability (A-E)	Level of Risk (L/MS/II)	Club Captain	CORSA	Race Committee Chair (RCC)	Coaches	Other
<b>Water</b>														
1	Flooding and fast flowing water	Monitor water conditions in days preceding regatta And use larger boats 4x+ or 4+ etc. AND discourage inexperienced competitors from competing AND all officials have good (or interlocking) visibility of the whole of the course and are in radio contact with CoRSA, RCC and Coordinating Umpire AND cancel regatta if conditions unsafe	Maintain discussions with Organising Comm, CoRSA and Chair RCC to decide if conditions are unsafe	Water conditions leading to reduction in manoeuvrability of boats, capsize or swamping of crews. And ineffective handling of boat	Canal is narrow so towpath and rescue is close by AND ensure that competitors know that they must stay with their boat AND All officials provided with throw bags and thermal blankets AND provide safety launch with competent driver if required AND provision of first aid AND thermal blankets carried in launch	Confirm competence verbally with all crews deciding to boat AND ensure that equipment is in good order AND pre-regatta check on launch safety kit	Drowning	5	B	Substantial	X	X	X	
2	Polluted water	Warn competitors of presence of Leptospirosis in water	Vigilance on landing stages to identify nervous and less competent competitors	Leptospirosis - Weils Disease	Only competent competitors boat to race And Ensure that cuts and grazes are covered with waterproof dressings And promote good hygiene by the use of antibacterial handwash available in club house	Check with persons going afloat to confirm competence And Warn them to avoid ingesting water if they capsize And Advise crews that coxes and first time winners should not be thrown into water And Make clean water available for dousing winners if appropriate	Serious intestinal illness	3	B	Low		X		X
<b>Weather</b>														
3	Low temperatures and cold water	Ensure that competitors wear suitably warm and waterproof clothing	Ensure that coaches are aware of potential for competitors to become very cold Brief boating team to deny boating to juniors who appear to be inadequately dressed for the conditions	Hypothermia	Quick response possible because of proximity of officials to regatta course And Thermal exposure and warm blankets are available And All officials to be briefed to look for early signs of hypothermia	First Aid support to be readily available And CoRSA patrolling regatta course during racing And CoRSA equipped with spare footwear to ensure rapid return to club house	Body temperature drops dramatically	3	B	Low		X	X	X

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4	Adverse weather including high wind and rain	Shelter provided in boathouse and clubhouse And Racking provided and competitors reminded to secure boats that are stored on the racking	Officials in the boating area will be requested to remind competitors about the need to secure boats	Competitors getting cold in adverse weather conditions And Boats and equipment blown off racking	Secure boats to racking and or trestles	Constant reminders from officials and also over PA And Racing will be suspended or abandoned if conditions dictate	Hypothermia and Falling boats causing bodily injury and causing damage to boats	3	C	Moderate		X		X	
5	Lightning	Regatta course is narrow and well below the surrounding buildings and trees so less likely to receive lightning strike	The possibility of lightning will be considered and prevailing weather conditions monitored	Lightning strike	Application of 30/30 Rule	Remove all competitors etc to place of safety	Potential Death of individual(s) struck by lightning	5	A	Low		X	X		
6	High temperatures	Ensure that competitors are suitably dressed to handle warm weather	Make sure that competitors have water with them when they boat And that they have applied appropriate sun screen	Hyperthermia, sunburn and dehydration	Competitors and coaches to ensure that suitable clothing is worn inc hats with neck protection And Ensure that competitors have access to and have used sunblock	Access is available to drinking water in clubhouse throughout competition And Umpires and officials are provided with drinking water	Body temperature rises to dangerous levels causing severe illness	3	B	Low		X	X	X	
7	Very dry weather resulting in low water level	Areas of shallow water are marked on course map and all hazardous areas are marked with buoys	Boating crews warned to stay within buoyed areas	Boats become grounded	Water levels carefully monitored during period before regatta	Marshals along assembly area remind crews not to proceed beyond buoys	Boats fins and rudders damaged	1	C	Low		X		X	

**Other Water Users**

8	Collision between boats	Remind crews to be vigilant whilst leaving and re-entering the boating area	Provide marshals to assist crews to move safely	Collision between competitors whilst not racing	Remind crews about congested assembly area and the need to be aware of other crews close to them	Request crews to leave space between them and the next crew	Injury to competitors/crews and damage to equipment	2	C	Low		X		X	
9	Collision between boats	Competitor's Instructions confirm protocol for leaving and entering boating area	Marshals are on hand to enforce circulation patterns	Collision between boats entering and leaving basin	Boats required to move at very low speeds	Marshals remind crews to look ahead	Damage to equipment and possible injury to crews	2	C	Low		X			Org Comm
10	Collision between racing boats	Competitor instructions remind crews of confined nature of racing course	Competitors advise to use pole markers on bridges to centralise their racing line	Collision between competitors whilst racing	Umpires will monitor crews' racing line and warn when there is the possibility of Interference	Umpires will monitor crews' racing line and stop crews where clash becomes inevitable	Injury to competitors/crews and damage to equipment	2	C	Low		X	X		
11	Head on collision	Batch system ensures that racing and non racing crews do not come into contact	Marshals ensure that basin is cleared of boating crews before racing crews return to deboat	Collision between crews racing and those going to the start	Bridge and assembly area marshals monitor boat movement	Crews reminded to be alert for other crews and to move slowly	Injury to competitors/crews and damage to equipment	2	B	Low		X		X	
12	Inexperience of rowers	Remind coaches that the course is 750m long	Control Commission to report to CORSA if there are concerns regarding competence of any crew	Young competitors injured by over exertion and/or inadequate preparation to row the regatta course	Officials and umpires to be vigilant and cognisant of inexperienced crews	Club safety boat will be available if distressed crew needs assistance	Injury to competitors/crews and damage to equipment	2	C	Low		X		X	
13	Tired competitors deboating	Stage marshals on hand to hold boats	Assistance is provided to clear blades from landing zone	Injury whilst entering or leaving boat	Stage marshals on hand to hold boats	Provision of First Aid if required	Injury to crew members	2	C	Low				X	

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14	Canal boats not adhering to accepted circulation pattern	Regatta date circulated to CRT and [Inland Waterways Association]and notices posted at landing stages. And Warning signs posted to advise barges that regatta is in progress	Marshals ask barge operators to cooperate with established movement arrangements along the racing course	Collision between competitors and canal boats	Racing suspended to allow barge to traverse the course And barge operator requested to maintain accepted 'steer to starboard' circulation pattern	All crews on the water are advised of barge intentions and to maintain vigilance	Collision between motor/engine propelled craft and rowing boat causing injury to competitors/crews and damage to equipment	3	C	Moderate		X		X	
<b>Local Environment</b>															
15	Marshals not responding to safety issue	Chair of Organising Committee and CORSA provide detailed briefing for all marshals And: All marshals are contactable on the Zello network And: Throw lines and space blankets issued to marshals who will be working with crews on the water	Most able and experienced marshals allocated to high risk locations	Marshals unsure of their duties And:	Brief marshals insitu regarding the extent of their role	Reallocation of tasks to ensure that safety of crews is not compromised	Injury to competitors/crews and damage to equipment	3	C	Moderate	X	X		X	Chair Org Comm
16	Umpires not responding to safety issues	Chair of Race Committee and CORSA provide detailed briefing for all Umpires prior to regatta commencement And Umpires provided with throw lines and space blankets to enable them to be 'first responders' in the event of an incident near them.	All umpires aware of potential for safety issues to arise during racing (Safety, Fairness and Outcome) And: Radio protocol to be used in the event of an emergency is issued to all umpires	Safety issue	CORSA patrol highly visible	CORSA discusses potentially unsafe occurrences with umpires on the course	Injury and damage to boats	3	B	Low		X	X		
17	Swan Bridge supports on rowing course	Bridge marked with highly visible buoys to highlight narrowing of course	Umpire station located directly adjacent to potential hazards to facilitate warnings if necessary including local rule to steer juniors around obstacle	Collision with Swan Bridge supports on City side	Umpire station located directly adjacent to potential hazards to facilitate warnings if necessary	Crews instructed to stop rowing if collision becomes inevitable	Damage to boat and blades and possible injury to competitors	3	C	Moderate		X	X	X	
18	Vegetation along city side of rowing course	Vegetation cut back during winter period as far as permitted	Narrowing of course marked with highly visible buoys to highlight narrowing of course	Collision with stationary objects - crew becoming trapped in vegetation on City side	Safety boat available to assist crews if they are unable to free themselves from tangle of vegetation	Racing stopped until tangled crew frees itself	Potential capsizes and/or injury to crew members. Potential damage to boat and blades	2	B	Low		X	X	X	
19	Swans and water fowl on and adjacent to rowing course	Erect notices publicising regatta and request public not to feed swans	Persuade members of the public to feed swans and water fowl off the regatta course And Swan nests that extend onto course will be marked with buoys	Collision with swans and other water fowl	CORSA to continually walk the regatta course to tell public about potential injury to wildfowl collected on the course for feeding	Umpires to assess potential for safety and fairness of	Potential capsizes and/or injury to crew members. Potential damage to boat and blades	1	B	Low		X			
20	Low bridges on towpath adjacent racing course	Competitors and coaches to be advised of bridges	Danger to be highlighted with hazard tape	Pedestrian collision with low headroom bridge	Request coaches not to cycle along towpath	Remind umpires and officials to request coaches and followers not to cycle along towpath	Serious head injury	3	C	Moderate	X				Org Comm
21	Fire	Cooking and food servery area staffed at all times	All alarm activations to be investigated before fire alarm silenced	Fire arising from cooking	Incidence of open cooking involving fats and oils to be limited. Use of fire blanket and fire extinguisher to be encouraged in the event of ignition	Person in charge of kitchen to be briefed regarding potential for detector head activation and action to be taken on false alarm and real time activation	Burns and smoke inhalation	5	B	Moderate	X	X			

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	Hazard	Barriers	Action to maintain barriers	Hazardous Event	Controls	Harm				Club Captain	CORSA	Race Committee Chair (RCC)	Coaches	Other	
22	Overloading of temporary electrical cables leading to fire	All electrical cables to be fully inspected before use And Cables to be adequately sized to accommodate cable lengths and loads And All cable from reels to be fully unwound before power goes live	All cables to be suspended where possible	Fire arising from temporary electrics	Cable lengths to be kept to a minimum - power sockets in shed now available to facilitate this	CORSA to inspect installation throughout day and alert users to potential problems	Failure of electrical supply at mains Did Bd because of earth leakage faults caused by overheating and fire in cabling	5	B	Moderate		X			
23	Poor food hygiene	All food freshly prepared on day	Regatta Food Team Lead has Food Safety Awareness Certificate of Training And Hygiene guidance provided for those preparing or serving food	Food poisoning	Animals (dogs excepting assistance dogs) kept out of boathouse and where permitted, discretion exercised around food servery areas	Vigilance of all involved in food preparation and service	Illness of guests, visitors and purchasers of food on the day	3	B	Low	X	X			Person purchasing food
24	Allergen	Loose leaf folder including recipes for all home-made food to be on display at front of food stall	Sign to be displayed indicating that LRC cannot guarantee that food being sold does not include any of the 14 allergens listed in food law. Food prepared for our regatta may contain the following ingredients.... List 14 allergens. If you have a food allergy, some of our recipes are provided in our food folder, please ask'	Competitor or spectator /visitor inadvertently eats food that causes an allergic reaction	Persons serving food to ask every purchaser if they have read the allergen advice	Where there is doubt, decline service of food	Serious illness	5	b	Substantial	X	X			

#### Faulty Equipment

25	Inadequately secured equipment	Umpires and marshals in boating area remind competitors to secure their boats on racking and trailers	Marshals to remind coaches about securing equipment	Injury from equipment falling off racking	Restrict height of racking	Construct racking away from main thoroughfare	Injury to crew members and equipment	3	C	Moderate		X		X	
26	Crews presenting equipment that does not meet the required standard	Crews are required to present their boats in compliant condition And Control Commission umpires undertake spot checks	Spot checks carried out by umpires at Control Commission	Aggravation of incident boat sinking or injury caused by loose blades	Impress upon coaches and crews the importance of having well maintained equipment	Reject equipment that is below the accepted standard	Injury to participating and racing crews and further damage to equipment	2	B	Low		X		X	
27	Defective equipment during race or proceeding to the race	Crews are required to present their boats in compliant condition And Control Commission umpires undertake spot checks	Spot checks carried out by umpires at Control Commission in an attempt to identify any potential equipment failures	Boat becomes unrowable	Procedure agreed with umpires and marshals to deboat crew and remove boat from racing course	Umpires and marshals will summon assistance from crew coach to bring boat back to boathouse.	Crew unable to race	2	C	Low		X	X	X	

#### Around the Boathouse

28	Temporary works resulting in trip hazard	Fixed wiring installation in shed to reduce requirement for trailing leads And Cables secured above head height and/or to building or along fence And All non-essential temporary works removed for the duration of the regatta	Potential trip hazards highlighted with Hi-Viz tape	Injury from slip or trip	Remove temporary works from heavily trafficked areas	Ensure that Hi-Viz tape is visible to the point of annoyance	Injury to participants and spectators	2	B	Low	X	X			
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#### Medical

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	Hazard	Barriers	Action to maintain barriers		Controls	Club Captain					CORSA	Race Committee Chair (RCC)	Coaches	Other	
29	Illness requiring medical attention	Medical Adviser appointed to oversee arrangements And Good communication between umpires, officials and CORSA And CORSA and police patrolling towpath	Equipped first aid area provided in club house And Officials and Umpires encouraged to notify CORSA or Regatta Registration of issues arising	Competitor or spectator injury or ill health	First Aiders and CORSA will decide on whether evacuation arrangements to hospital need to be put in hand	Defibrillator on site. Location of additional defibrillators along regatta course identified	Illness of competitor or spectator leading to serious implications for health of individual	3	B	Low		X			First Aid Tm
Other															
30	Abuse or bullying of children or vulnerable adults	All club members, umpires and officials to be alert to the potential for bullying	The potential for abuse will be raised in pre-regatta briefings	Abuse or bullying of children or vulnerable adults	Officials will be briefed on the need to promote an inclusive environment	All reports of abuse will be taken seriously and investigated by the CWO	Welfare of children or vulnerable adults	3	B	Low		X			CWO
31	Failure to ensure proper provision for accessibility	Liaise with all competing clubs to establish whether competitors with accessibility needs will be attending	Organising Committee will be briefed in advance of regatta day to ensure that timely arrangements are made to welcome those with accessibility requirements	Inadequate provision for adaptive competitors	Call upon helpers to accompany those with accessibility requirements	Allocate dedicated marshals to ensure that there is adequate provision	Adaptive competitor unable to compete	3	1	Low	X				Org Comm
32	Carrying boats across busy Upperton Road into Leicester Rowing Club site	Provide marshals in Hi-Viz to control traffic and to assist crews into the site	Request assistance from local police that attend the event	Road Traffic Accident	Clubs to be made aware of potential for delays in crossing Upperton Road depending on courtesy of drivers	Post signage advising that event is in progress and advise caution	Injury to competitors and damage to equipment	4	B	Moderate		X			Org Comm
33	Damage to vehicles and trailers	Contractor has signed available routes and lanes	Vehicle speeds reduced because of extent of alteration to road	Failure to negotiate major road works adjacent to Leicester Rowing Club	Clubs advised of roadworks in advance of attending	Clubs advised of caution in their approach from the south	Damage to equipment and delays in arriving at competition	4	B	Moderate			X		Dvrs
34	Arrangements for the day including safety are not noted by competitors	Post safety documentation on website well in advance of event	Each participating club will be issued with the safety documentation by email before the event	Increased likelihood of incidents as a result of competitors not reading RA or Safety Plan	Printed copies of the safety etc documentation will be available on the day. Add Explore addition of QR Codes giving access to all docs to be posted around clubhouse and regatta course	Verbal reminders will be given where it appears that individuals are not complying	Competitors unaware of arrangements for boating etc	4	B	Moderate		X		X	
35	Deleted														
36	Poor communications	All umpires and officials are provided with radios and also have mobile comms And: umpires and marshals have megaphones And: The event will have a PA system	Coordinating umpire records all comms	Failure to coordinate response to incident	Coordinating umpire in full communication with CORSA	Police are usually on hand to assist	Slow response to emergency	3	C	Moderate		X			Org Comm
37	Antisocial behavior on towpath including magnet fishers	CRT have posted signage prohibiting magnet fishing on the regatta course	Police patrol regatta course throughout the day	Racing boat becomes snagged in magnet fisher's line	CORSA walks the regatta course and requests potential fishers to desist	Police are usually on hand to assist	Potential injury to competitors and damage to equipment	3	C	Moderate	X	X	X		Police
38	Barge moored mid course on towpath side	CRT instruct barge owner to relocate for regatta day	Consider safe options to row around barge by use of buoying	Significant narrowing of course at mooring point	LRC members advise barge owner of regatta day and try and persuade barge owner to relocate	Cancel regatta	Racing boats collide with barge on towpath side	3	C	Moderate	X	X	X		CRT

People	Assets	Probability				
		A	B	C	D	E
		Highly improbable <i>(has not been known to happen in rowing)</i>	Improbable <i>(has been known to happen in rowing)</i>	Possible <i>(could happen to about 1% of the club's active members per decade)</i>	Probable <i>(could happen to about 1% of the club's active members per year)</i>	Highly probable <i>(could happen to about 10% of the club's active members per year)</i>
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>	Low	Low	Low	Low	Moderate
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>	Low	Low	Low	Moderate	Substantial
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>	Low	Low	Moderate	Substantial	Intolerable
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>	Low	Moderate	Substantial	Intolerable	Intolerable
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>	Moderate	Substantial	Intolerable	Intolerable	Intolerable

<b>Low</b>	<p>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.</p>
<b>Moderate</b>	<p>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.</p>
<b>Substantial</b>	<p>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.</p>
<b>Intolerable</b>	<p>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.</p>