

		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/M/S/I)	Club Captain	CoRSA	Race Committee Chair (RCC)	Coaches	Other
Water															
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 are deemed unsafe	Maintain discussions with Organising Comm, CoRSA and Chair RCC to decide if conditions are unsafe either before racing commences or during the continuum of the competition AND All coaches to be advised if boat sizes and types are to be restricted because of prevailing weather conditions	Reduction in manoeuvrability of boats Capsize Swamping of crews. Ineffective handling of boats	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 via competitor check at Control Commission AND pre-regatta check on launch safety kit	Drowning or hypothermia	3	B	Moderate	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	
Weather															
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	
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 AND Where weather forecasts indicate exceptionally inclement weather, the regatta will be cancelled	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		

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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	
8	Shallow water at neck of basin and adjacent to retaining wall	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 AND Marshals at landing stages and on bridge alert crews to shallow areas of basin	Boats become grounded	Safety boat available to assist crews if they are unable to free themselves		Boats fins and rudders damaged	1	C	Low		X		X	

Other Water Users

9	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	
10	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
11	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		
12	Head on collision	Batch system to be used to avoid racing and non racing crews coming 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	
13	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	
14	Tired competitors deboarding	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	
15	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	

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16 Rev A 02.03.26	Local Community not aware of event on canal	Warning signs will be posted in advance of the regatta date advising water users and the local community of the regatta and this will be updated on the day of the regatta to alert canal users and towpath walkers of the regatta in progress. Marshals to be posted on the tow path at each end of the section of the canal that will accommodate racing crews and those waiting to race (Access is only possible from the tow path side of the canal)	Regatta Task List will include the marshal positions at each end of the event course to be occupied during continuum of event AND Radio Leicester to be requested to publicise the Regatta in advance	Local community not aware of event	Highly visible signage to be used on canal towpath in advance and on the day of the regatta and marshals to be briefed about advising tow path users of the event in progress	Highly visible signage to be used on canal towpath in advance and on the day of the regatta and marshals to be briefed about advising tow path users of the event in progress	Tow path users surprised by numbers of people on tow path	2	C	Low	X	X			Org Comm

Local Environment

17	Trailers and boats in The Watershed car park blocking emergency access and emergency escape from the building	LRC to identify 'keep clear' areas with hazard warning tape and Parking Marshal to advise clubs using the car park of the restrictions and to locate boat trailers in approved positions	Frequent inspections to be undertaken throughout the day to ensure that the 'keep clear' areas are being maintained by clubs using the car park	Emergency vehicles experience difficulty accessing The Watershed and occupants escaping via emergency exits have their routes impeded	Ensure that checking responsibility is allocated as a task by LRC so that checks are made frequently		Potential life/ property damage risk	5	B	Substantial	X	X		X	Clubs and rowers using car park
18	Marshals not responding to safety issue	Chair of Organising Committee and CoRSA provide detailed briefing for all marshals AND: All marshals are contactable via mobile phone 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 in situ 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	
19	Umpires not responding to safety issues	Chair of Race Committee and CoRSA provide detailed safety 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		
20	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	
21	Invasive Species	Competitors' Instructions include a reminder of the risks of transfer of invasive species between waterways if 'Clean, Dry and Check' principles are not followed	Control Commission will be asked to remain vigilant on checking the cleanliness of boats prior to them boating	Invasive species are imported into the regatta site or exported from the regatta site to other waterway	Boats showing signs of contamination will be rejected at Control Commission until they have been cleaned	All crews will be encouraged to clean their boats before departure from the regatt site	The inadvertent import/export of invasive species results in infestation of the species at the regatta or other location	3	C	Moderate	X	X	X	X	All Crews
22	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 capsized and/or injury to crew members. Potential damage to boat and blades	2	B	Low		X	X	X	

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23	Swans and water fowl on and adjacent to rowing course	Fix 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 capsized and/or injury to crew members. Potential damage to boat and blades	1	B	Low		X		
24	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
25	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		
26	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		
27	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
28	Allergen and Anaphylaxis	Club to obtain Automatic Anaphylaxis Injectors if possible. AND Loose leaf folder including recipes for all home-made food to be on display at front of food stall	Competitor's Instructions to include advice requiring those with a potential anaphylaxis risk to carry two Automatic Anaphylaxis Injectors with them at all times. 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														
29	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	

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30	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	
31	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															
32	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			
33	Inclement weather conditions make deboating area at the rear of The Watershed slippery	Marshals to be advised to cease using the area if it becomes a hazard	CoRSA to inspect frequently	Competitors carrying boats slip and fall	First Aiders available	Use of deboating landing stages is withdrawn	Injury to competitors and helpers/marshals AND damage to boats	2	B	Low	X	X		X	Competitors
Medical															
34	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 and emergency vehicle(s) will be directed to nearest emergency access point	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															
35	Silt in boating area	Conditions to be monitored throughout Feb, Mar and Apr AND difficulties with boat circulation in basin to be assessed Batch sizes reduced to facilitate safe boating and deboating of crews within each 30 min period	Different boat routes around basin to be considered to establish which is preferred All crews to be boated into holding area by weir before crews that have raced are brought into the basin to deboat so that all crews are travelling in the same direction	Bottoming' of boats in areas where silt is high	Areas of deep silt below waterline to be buoyed	Boat marshalls to control egress from and access to basin from regatta course to ensure that collision or bottoming by boats going in opposite directions does not arise. Marshal briefing to impress the need for constant vigilance and communication between boating stages and bridge at entrance to basin	Crews require rescue AND Damage to rudders and fins of racing boats	3	B	Low	X	X	X		Crews
36	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 and on actions required by the Welfare Plan in the event of an occurrence	All reports of abuse will be taken seriously and investigated by the CWO	Welfare of children or vulnerable adults	3	B	Low		X			CWO

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37	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
38	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
39	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
40	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	
41	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

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>
Minor damage to equipment <i>(<£100)</i>	Low	Low	Low	Low	Moderate
Damage repair costs low <i>(£500)</i>	Low	Low	Low	Moderate	Substantial
High damage repair costs <i>(>£1000)</i>	Low	Low	Moderate	Substantial	Intolerable
Very high damage repair costs <i>(loss of boat, 3rd party damage)</i>	Low	Moderate	Substantial	Intolerable	Intolerable
Major damage & major costs <i>(loss of several boats, high 3rd party damage)</i>	Moderate	Substantial	Intolerable	Intolerable	Intolerable

An acceptable level of risk.

An acceptable level of risk that should be reviewed.

An unacceptable level of risk.

An unacceptable level of risk.

