

Lea Regattas - Risk assessment Spring 24\_v1.0.xlsx

	HAZARD	Potential hazardous event	Barriers to reduce probability	Actions to maintain	Probability (A-E)	Potential harm	Controls to reduce severity	Actions to maintain	Severity (L-5)	Combined risk level	Committee	Event RSA	Launch drivers	Control Comm.	Marshals/Umpires	Competitors	
<b>Water</b>																	
1	Extraordinary conditions (rough or fast water)	Capsize/wamping. Difficulty landing	Racing suspended/cancelled if conditions unsafe	Committee decides whether conditions unsafe	B	Rowers get wet/cold. Possibility of hypothermia. Drowning.	Provision of first aid. Provision of marshals and support launch to assist/tow competitors. Emergency Action Plan.	Pre-event review of EAP, training, equipment and launch safety kit.	3	Low	X	X	X	X			
2	Water-borne hazards	Infected water comes into contact with cuts/ifs swallowed	Crews wash hands; keep water bottles clean, etc.	Policy circulated in Safety Plan	B	Water-borne illness (e.g. Leptospirosis)	Capsize reminded of need to consult doctor if exhibiting flu-like symptoms.	Pre-event review of EAP, training, equipment and launch safety kit.	3	Low	X	X					
<b>Weather</b>																	
1	Lightning	Lightning strike	Thunderstorm plan ("30:30 rule") in place - event suspended by control/umpires; crews seek shelter	Thunderstorm plan circulated with race docs	A	Serious injury. Death	Provision of first aid, warm indoor areas, and hot showers. Provision of marshals and support launch to assist/tow competitors. Emergency Action Plan.	Pre-event review of EAP, training and equipment.	4	Low	X	X		X	X		
2	Poor visibility	Collision	Review of forecast and on-the-day conditions. Event suspended by control/umpires if visibility unsafe	Policy circulated in Safety Plan	B	Capsize. Injury. Boat damage			3	Low	X	X		X	X		
3	Hot temperatures	Over-exposure	Review of forecast and on-the-day conditions.	Policy circulated in Safety Plan	D	Sunburn. Dehydration.			1	Low	X	X		X	X	X	
4	Cold temperatures				D	Hyper/hypothermia			1	Low	X	X		X	X	X	
<b>Other water users</b>																	
1	Other rowing boats	Collision. Tangle	Circulation plan in place (usual navigation rules). Marshals at either end of and along race course. Anglers obstructing will be asked to secure their lines during racing. All other organised users of the river (Kayak club, Anglers, Springhill marina and moored boats) will be informed both verbally and by email / letter with at least two weeks notice and any concerns raised acted upon.	Circulation plan shared with competitors. Notifications made through London Boaters, Canal and River Trust, British Rowing website, Regatta Organising committee to have standing item for meetings regarding concerns of or about other river users.	D	Capsize. Injury. Boat damage	Provision of first aid. Provision of marshals and support launch to assist/tow competitors. Marshals will communicate with pilots of cruisers at the earliest opportunity to advise them of the situation and facilitate their earliest movement through the course. Emergency Action Plan.	Pre-event review of EAP, training, rescue equipment and launch safety kit.	2	Moderate	X	X	X	X	X	X	X
2	Anglers (fishing lines)				1				Low	X	X	X	X	X	X		
3	Other craft (e.g. narrowboats, canoes)				2				Low	X	X	X	X	X	X		
4	Moored craft				2				Moderate	X	X	X	X	X	X		
5	Safety boat	Collision (incl. propeller) Swamping from wash	Boat driven only by qualified drivers (according to Lea RC rules) with full knowledge of Safety Plan. Kill cord in use in case of man overboard.	Circulation plan shared with launch drivers.	B				2	Low	X	X	X	X	X		
<b>Marshals</b>																	
1	Vertical river banks	Capsized crews have difficulty escaping river	Competitors warned about inaccessibility of shore in race docs. Safety boat available to assist.	Circulation plan shared with competitors.	B	Injury/Drowning	Provision of first aid. Provision of marshals and support launch to assist/tow competitors. Emergency Action Plan.	Pre-event review of EAP, training, rescue equipment and launch safety kit.	4	Moderate	X	X	X				
2	Wildlife (e.g. swans)	Collision. Attack	Competitors instructed not to disturb wildlife. Racing delayed if wildlife obstructing course.	Policy circulated in Safety Plan	B	Injury	All marshals will read the safety documents and receive a verbal briefing either the evening before or on the morning of the event		2	Low	X	X	X				
3	Blind corners in marshalling zone	Collision	Crews instructed to keep right in Circulation Plan	Circulation plan shared with competitors.	D	Capsize. Injury. Boat damage			2	Moderate	X	X	X			X	
4	Weeds	Collision/tangle	Competitors to avoid weeds. Substantial growth to be removed or notified to competitors.	Circulation plan shared with competitors. Regular communication with Canal and River Trust re. weed removal in lead-up	D	Capsize. Injury. Boat damage			2	Moderate	X	X	X			X	
5	Cyclists on towpath	Collision	Competitors notified of shared-use towpath and discouraged from cycling with races.	Policy circulated in Safety Plan	A	Injury			1	Low	X	X				X	
<b>Going afloat and landing</b>																	
1	Boats on and around landing stager/finish	Collision (with boats, people, bank)	Boating/landing allowed only between racing divisions to avoid obstructing finish line Crews boat pointing upstream, on the upstream end of landing stage. Crews land pointing upstream, on the downstream end of landing stage. All participants are under an obligation (by competition rules) to read safety documents which will be sent to their clubs within 5 days of the event. All external club participants will receive a briefing and be reminded of this obligation upon arrival.	Circulation plan included in race docs. Marshals/boat wranglers in boating and marshalling areas to assist crews	A	Capsize. Injury/Boat damage	Provision of first aid. Provision of marshals and support launch to assist/tow competitors. Emergency Action Plan. Crews responsible for fixing own equipment	Pre-event review of EAP, training, equipment and launch safety kit.	2	Low	X	X			X	X	
2	Landing stage	Slip/fall. Boat impacts landing stage	Protective bumpers on landing stage. Crews responsible for taking care of equipment	Landing stage checked for integrity prior to event	A	Injury. Boat damage			2	Low	X	X			X	X	
<b>Handling boats on land</b>																	
1	Handling boats	Collision (with boats, vehicles, people, landing stage) Dropped equipment Slip/fall	Reliance on crew competency and compliance with RowSafe	Safety Plan included in race docs	A	Injury. Equipment damage	Provision of first aid. Provision of marshals to assist. Emergency Action Plan. Crews responsible for fixing own equipment	Pre-event review of EAP and training.	2	Low	X	X			X	X	
2	Maneuvering boat trailer in parking area	Collision. Dropped equipment	Reliance on competency and compliance with RowSafe. Drivers accompanied by two banksmen to assist with maneuvers	Parking banksmen policy included in race docs. Marshal on site to assist	A				2	Low	X	X			X	X	
<b>Faulty, incorrectly set and poorly maintained equipment</b>																	
1	Oarlocks	Malfunction or failure while under way	Crews responsible for ensuring safety of own equipment (following British Rowing Rules of Racing and RowSafe)	Policy circulated in Safety Plan. Spot-checks made by control commission umpires or deputies in boating area. Unsafe crews not allowed to boat.	B	Capsize. Injury. Boat damage	Provision of first aid. Provision of marshals and support launch to assist/tow competitors. Emergency Action Plan.	Pre-event review of EAP, training, equipment and launch safety kit.	1	Low	X			X	X	X	
2	Unsecured heel restraints				3				Low	X		X	X	X			
3	Lack of boat flotation (hatch covers or buoyancy bags)				4				Low	X		X	X	X			
4	Unsecured bowballs				3				Low	X		X	X	X			
5	Inadequate cox lifejacket				4				Moderate	X		X	X	X			
6	Other equipment (e.g. steering, footstretches, seats, oars)				1				Low	X		X	X	X			
<b>Other</b>																	
1	Pre-existing health conditions	Illness causes health emergency	Reliance on competitors and coaches' awareness and ability to manage own health conditions. Competitors advised to seek help if feeling unwell.	Policy circulated in Safety Plan.	B	Various	Provision of first aid. Emergency Action Plan.	Pre-event review of EAP and training.	3	Low	X	X				X	
2	Stairs	Slip/fall	Equipped with handrails	Regular building inspections by Facilities Team.	A	Injury			2	Low	X	X					
3	Electric shutters	Closure while person underneath	Doors are all closed only by a switch immediately adjacent. This must be held until the doors are closed.		A				2	Low	X	X					

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4	Fire	Out-of-control fire	Existing fire measures (doors, signs, extinguishers, etc.) clearly displayed on premises and communicated to competitors.	Policy circulated in Safety Plan. Regular building inspections by Facilities Team.	A	Death	Use of extinguishers. Emergency Action Plan. All to follow existing evacuation procedure (to field behind boathouse)	4	Low	X	X	X	X	X	X
5	Damage to tow path	Regatta accessories using stakes in the towpath to secure them	Any towpath based accessories will be secured with weights. No stakes will be used.	Regatta OC will bear this in mind when planning	A	Injury or damage to towpath or buried services	No stakes, guy ropes will be used for any structure.	2	Low	X	X	X	X	X	X
6	Anti social behaviour	Members of the public objecting to the regatta either verbally or physically	Marshals, officials and umpires will be briefed on the negative feelings of a minority of river user to the rowing fraternity. They will stay alert to any anti social behaviour starting and act immediately to de-escalate it.	Initially Marshals / officials will try to calm the situation, if this is unsuccessful they will contact the regatta chair by radio or phone who will ask the local Springfield police to attend on 07825967620	A	Offence or injury	Local police will be informed of the event and asked to be on standby should they need to attend	2	Low	X	X	X	X	X	X
<b>Safeguarding</b>															
4	Harm, either physical or emotional to child competitors	Attending child caused harm or put in a vulnerable situation by adult(s) or other child(ren)	Junior coaches from host organisation (Lea RC) along with other officers of the club have received recent safeguarding training to raise awareness of the possibility of safeguarding issues and how to respond.	All junior competitors will be registered with control and a supervising adult identified (via BROE2 system) with contact details. Club officials and a team of nationally registered (with British Rowing) umpires will be alert to any potential safeguarding situation.	A	Child suffers physical, emotional, or sexual harm due to the actions of others. Reputational damage to the club and the sport of rowing	The event has appointed a qualified and experienced Welfare officer whose contact details are available on regatta documentation and will be available on control to any children who need them or any adult that has safeguarding concerns. The event will be run in compliance with the BR safeguarding guidelines and RowSafe.	4	Low	X	X	X	X	X	X

	People	Assets	Probability					
			A Highly improbable (has not been known to happen in rowing)	B Improbable (has been known to happen in rowing)	C Possible (could happen to about 1% of the club's active members per decade)	D Probable (could happen to about 1% of the club's active members per year)	E Highly probable (could happen to about 10% of the club's active members per year)	
Severity	1	Slight injury or health effect (Requires little or no treatment, no need to take time off rowing or training)	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	or Life Threatening Injury or Health Effect (could end a rowing career or cause hospitalisation for a few months)	Major damage & major costs (loss of several boats, high 3rd party damage)	Moderate	Substantial	Intolerable	Intolerable	Intolerable

<b>Low</b>	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.
<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.

