

	Hazard	Potential hazardous event			Probability (A-E)	Potential harm			Severity (1-5)	Level of Risk (L/M/S/I)	Action Owners					
		Potential hazardous event	Barriers to reduce probability	Actions to maintain		Potential harm	Controls to reduce severity	Actions to maintain			Committee	Event RSA	Launch drivers	Control Comm.	Marshals/Umpires	Competitors
Water																
1	Extraordinary conditions (rough or fast water)	Capsize/swamping. 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/is swallowed	Crews wash hands; keep water bottles clean, etc.	Policy circulated in Safety Plan	B	Water-borne illness (e.g. Leptospirosis)	Capsized reminded of need to consult doctor if exhibiting flu-like symptoms.	Pre-event review of EAP, training.	3	Low	X	X				
Weather																
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	X
Other water users																
1	Other rowing boats	Collision. Tangle	Circulation plan in place (usual navigation rules). Marshals at either end of and along race course. Anglers obstructing	Circulation plan shared with competitors. Notifications made through London Boaters, Canal and River Trust,	D	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, rescue equipment and launch safety kit.	2	Moderate	X	X	X	X	X	X
2	Anglers (fishing lines)				B				1	Low	X	X	X	X	X	
3	Other craft (e.g. narrowboats, canoes)				C				2	Low	X	X	X	X	X	X
4	Moored craft				D				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	
Local Environment																
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			

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		Potential hazardous event	Barriers to reduce probability	Actions to maintain		Potential harm	Controls to reduce severity	Actions to maintain			Committee	Event RSA	Launch drivers	Control Comm.	Marshals/Umpires	Competitors	
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			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	
Going afloat and landing																	
1	Boats on and around landing stage/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	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 safety launch to assist. 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
Handling boats on land																	
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

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Faulty, incorrectly set and poorly maintained equipment																								
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 umpires in boating area. Unsafe crews not allowed to boat.	C	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				B				3	Low	X			X	X	X								
3	Lack of boat flotation (hatch covers or buoyancy bags)				A				4	Low	X			X	X	X								
4	Unsecured bowballs				B				3	Low	X			X	X	X								
5	Inadequate cox lifejacket				B				4	Moderate	X			X	X	X								
6	Other equipment (e.g. steering, footstretchers, seats, oars)				C				1	Low	X			X	X	X								
Other																								
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							
3	Stairs	Slip/fall	Equipped with handrails	Regular building inspections by Facilities Team.	A	Injury			2	Low	X	X												
4	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												
2	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)	Pre-event review of EAP and training.	4	Low	X	X	X	X	X	X	X							

		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)
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	Fatality 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

Low	<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>
Moderate	<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>
Substantial	<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>
Intolerable	<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>