

ERRC JIRR Trials - 10 MARCH 2024

OPERATIONS RISK ASSESSMENT

Risk Assessment Matrix

Probability of Accidents	Severity of Outcome		
	Slightly harmful (Low)	Harmful (Medium)	Extremely harmful (High)
Highly unlikely (Low)	Trivial Risk	Tolerable Risk	Moderate Risk
Unlikely (Medium)	Tolerable Risk	Moderate Risk	Substantial Risk
Likely (High)	Moderate Risk	Substantial Risk	Intolerable Risk

Risks and Actions

RISK LEVEL	ACTION AND TIMESCALE
Trivial	No action is required.
Tolerable	No additional controls are required. Consideration may be given to a more effective solution or improvement.
Moderate	Efforts should be made to reduce the risk. Risk reduction measures should be implemented within a defined time period. Where the moderate risk is associated with harmful/serious consequences further assessment may be necessary to establish more precisely the likelihood of harm as a basis for determining the need for improved control measures.
Substantial	The activity should not be started until the risk has been reduced. Considerable resources may have to be allocated to reduce the risk. Where the risk involves activity already in progress, urgent action should be taken.
Intolerable	Activity should not be started or continued until the risk has been reduced. If it is not possible to reduce risk even with unlimited resources, activity has to remain prohibited.

Risks associated with the ERRC JIRR Trial 24

Ser	Hazard	Risk	Affected	Probability H / M / L	Severity H / M / L	Risk Level	Planned Action to Control Risk
1	Collision in the boating area	Competitor injury. Boat damage	Competitors	Low	Medium	Tolerable	South bank landing stage to be used only for embarkation, north bank landing stage to be used for de-boating only.
2	Collision between crews rowing in different directions during racing	Competitor injury. Boat damage	Competitors	Low	Medium	Tolerable	Access lane only to be used going to the start. Safety instructions prohibit racing starts or pieces being done in this lane.
3	Collision on course	Competitor injury. Boat damage	Competitors	Low	Medium	Tolerable	Bow balls, heel restraints and buoyancy compartments may be inspected by Control Commission before going afloat to race. Buoyancy aids may be visually checked by Control Commission. Competitors and coaches are responsible for ensuring that their boats are safe and are prepared to the required standards at all times.
4	Capsize other than during a race	Competitor injury	Competitors	Low	Medium	Tolerable	All officials, especially marshals, bank umpires and launch observers are warned to be on the alert for any capsize on the course. Should a capsize occur in the boating or de-boating areas, in the Access Lane or the start area, assistance will be rendered rapidly. The shallow depth of the lake allows capsized rowers to stand in most places.
5	Capsize during a race	Competitor injury	Competitors	Low	Medium	Tolerable	The event will be using bank umpires who will monitor each race. There will be one observer launch, with safety equipment, on the water. Umpires and launch observers are linked to other officials by radio. Coxes' buoyancy aids may be checked by Control Commission before going afloat to race. <i>Particular attention should be paid to "front loader" boats, where a buoyancy aid or manually operated lifejacket must be worn by coxes; automatic lifejackets must not be worn.</i>

6	Crews warming up in Access Lane interfering with other crews in Access Lane or with crews racing in Lane 4.	Competitor injury	Competitors	Low	Medium	Tolerable	Safety Instructions to advise crews not to do racing starts or bursts at high speed in Access Lane.
7	A Stationary crew in Access Lane blown into the path of crew racing in Lane 4	Collision. Competitor injury	Competitors	Low	Medium	Tolerable	The Safety Plan warns of danger and advises crews to stop near the bank.
8	Sudden bad weather causing un-rowable and/or dangerous conditions	Competitor injury	Competitors Water-borne officials. Land-based officials	Medium	Medium	Moderate	Any umpire or other key race official will stop racing. Any crews on the water will be moved into the most sheltered lane and shepherded back to the landing stages by the observer launch.
9	Severe storm accompanied by thunder and lightning during racing	Personal injury	Competitors Water-borne officials. Land-based officials	Low	High	Moderate	Provisions laid down in the document "Advice for Events and Clubs in Developing Action Plans for Risk from Lightning" available from British Rowing to be followed: <i>"Suspension and resumption of play should follow the 30/30 rule: Rowing should stop when the flash-to-bang count is 30 seconds and should not resume until 30 minutes after the last lightning"</i> . Crews and officials will be cleared from the course as quickly as possible, aiming to get everyone to a safe shelter within 15 minutes. Loudhailers are to be used by officials to instruct all athletes, officials and spectators to move under cover. Any variation from the 30/30 rule is to be agreed upon by the Race Committee.
10	Cold/wet weather	Hypothermia	Competitors	Medium	Medium	Moderate	Competitors warned of the potential for cold/wet weather. Attendees are reminded of <i>RowSafe 8.1 – clothing appropriate to the conditions</i> . Keep the race programme on time to avoid excessive time stationary on the water. Officials monitor conditions and update race control appropriately. First aid providers are in place to address cases of hypothermia.

11	Athlete collapses on landing stages with asthma during an event.	A problem occurs that requires medical attention	Competitors	Low	Medium	Tolerable	Officials will summon medical aid by radio.
12	Accident involving personnel in boating / deboating stages	Personal injury	Competitors Supporting personnel	Low	Medium	Tolerable	Staging constructed with, or modified with, limited slip surfaces to reduce the likelihood of falls. Safety Instructions to include a warning for all personnel, especially in wet weather.
13	Accident involving cyclists and pedestrians on North-side track	Personal injury	Members of the public. Supporting personnel	Medium	Medium	Moderate	<i>Paths around the rowing lake are open to the public; the Regatta has no exclusive access rights over them.</i> During the event, cyclists following are requested not to use the north side towpath and to exercise care when approaching the boating areas from the south side. <i>At all times</i> , athletes and coaches need to exercise vigilance when boating or de-boating, or when coaches are accompanying crews by bicycle.
14	Accidents involving cars, towing vehicles or trailers in lake approaches or car parking areas	Personal injury	Members of the public. Regatta participants Supporting personnel	Low	Medium	Tolerable	Competitor instructions warn of risks and need to exercise caution. Vehicle speeds are to be kept very low.
15	Strong tailwind blowing crews which have finished racing onto landing stages or other crews boating	Personal injury Boat damage	Competitors	Low	Medium	Tolerable	If there is a strong tailwind Control Commission to monitor the situation constantly and warn crews of an impending collision. A megaphone is to be provided for this purpose. Control Commission also provided with radio to summon aid and throw lines.
16	Leptospirosis infection	Infection contracted	Regatta participants	Low	Medium	Tolerable	Participants should be aware of the risk of Leptospirosis and should take appropriate precautions. Participants should pack/use sanitiser for hygiene needs.
17	Collision in Start Zone	Personal injury. Boat damage	Competitors	Low	Low	Tolerable	Start Marshals marshal crews carefully and dispatch all crews diagonally across the course to their allotted lane. Crews must then stay in their lane.
18	Persons falling off stake boats	Personal injury	Support personnel	Low	Medium	Tolerable	All personnel 'on the water' must wear buoyancy aids. Observer launch on the water acts as a safety boat.

19	Unwarranted photography	Safeguarding issues	Junior competitors	Low	Medium	Tolerable	Attendees warned of the potential for unlicensed photography in public areas through published <i>General Information and Safety Instructions</i> . Trial Welfare Officer is accessible via Control. BR Safeguarding procedures in place where concerns are raised or expressed.
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