

Risk Assessment for Regattas at Strathclyde Park

Compiled 26-Mar-24

A **Hazard** is something that has the potential to cause harm. **Risk** is the likelihood of a Hazard causing harm. All risks identified as moderate or substantial have already had the prescribed actions implemented such that they have been reduced to acceptable risks. These activities will also be closely monitored.

Area: Boating Area

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Carrying boats to/from pontoon.	Colliding with other boats.	Unlikely	Slightly harmful	Tolerable	None.		
2		Slipping on pontoon.	Unlikely	Harmful	Moderate	Warn that pontoon is slippery when wet.	On the day	Pontoon Umpires/Marshals
3		Colliding with boats on boat racks.	Unlikely	Slightly harmful	Tolerable	None.		
4		Trip hazard due to items being left on the pontoons & in the boating area.	Unlikely	Harmful	Moderate	Minimise time crew equipment is left on pontoons or in boating area.	On the day	Pontoon Umpires/Marshals
5		Colliding with non-regatta pedestrians.	Likely	Slightly harmful	Moderate	Warn pedestrians about boats crossing pathways	On the day	Officials & NLC staff
6	Cycling in boating area (includes skateboards, roller-blades and scooters).	Colliding with boats/pedestrians.	Likely	Harmful	Substantial	Cycling will be prohibited in boating area. Announcements and signage shall be made to inform of this.	On the day	SRROC & NLC staff
7	Volunteers helping on boating pontoons.	Falling into water.	Unlikely	Harmful	Moderate	Provide lifejackets to all volunteers aged 18 and under. Adult volunteers have the option of wearing one.	On the day	SRROC & NLC staff

Area: In and around Presentation Pontoon/Marquees

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Approaching and leaving presentation pontoon.	Colliding with other craft or fixtures.	Unlikely	Slightly Harmful	Tolerable	Ensure circulation pattern is published and made known to all crews boating.	On the day	SRROC
2	Presenting medals.	Slipping on pontoon.	Unlikely	Harmful	Moderate	Warn that pontoon is slippery when wet.	On the day	Pontoon Marshals
3	Volunteers helping on presentation pontoon.	Falling into water.	Unlikely	Harmful	Moderate	Provide lifejackets to all volunteers aged 18 and under. Adult volunteers have the option of wearing one.	On the day	SRROC & NLC staff
4	Entering/leaving marquee.	Slipping on wet grass.	Unlikely	Harmful	Moderate	Provide duckboards for area between paved path and marquee as well as inside marquee itself.	On the day	Marquee supplier
5	Cycling in front of marquee.	Collisions with pedestrians.	Likely	Harmful	Substantial	Cycling prohibited in this area. Signs instructing cyclists to dismount.	On the day	SRROC & NLC staff
6	Use of marquees.	Collapse of marquee.	Highly unlikely	Extremely Harmful	Moderate	Use of a recognised and appropriately qualified contractor to supply and erect the marquees. Routine checks to be conducted on the marquee securing arrangements during the course of the regatta.	Ahead of regatta and on the day.	Scottish Rowing/ SRROC

7	Temporary electricity supply to marquee.	Electrocution or fire.	Highly unlikely	Extremely Harmful	Moderate	Installers are suitably qualified and equipment is suitably certified and tested. Periodically visually check the status of the temporary supplies to ensure there is no damage/water ingress.	Ahead of regatta and on the day.	NLC Staff
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Area: Shore Footpath from Start to Presentation Pontoon/Marquee Area

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Coaches and supporters following races on bicycles.	Collisions with pedestrians.	Likely	Harmful	Substantial	Clubs instructed to take due care and attention (via instructions and regular announcements). Traffic must be single file and pedestrians have right of way at all times. Clubs are requested to limit the number of cyclists to one per crew.	On the day	SRROC

Area: Starting Area for 1000m Start (when being used)

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Manning stakeboats.	Falling into water.	Unlikely	Harmful	Moderate	Train stakeboat personnel about their duties before putting them on stakeboat, provide lifejackets.	On the day	Umpires/NLC staff
2		Getting wet and cold.	Likely	Harmful	Substantial	Ensure stakeboat personnel have waterproof clothing. Rotate stakeboat personnel regularly.	On the day	Umpires/SRROC
3		Getting sunstroke.	Unlikely	Harmful	Moderate	Ensure stakeboat personnel are not left in sun for long periods of time. Provide refreshments.	On the day	Umpires/SRROC
4	Manning floating start tower.	Falling into water.	Unlikely	Harmful	Moderate	Brief start umpires before putting them on start pontoon, provide	On the day	Senior Umpire
5		Getting wet.	Likely	Harmful	Substantial	Ensure start umpires have warm waterproof clothing.	On the day	Senior Umpire
6		Getting sunstroke.	Unlikely	Harmful	Moderate	Ensure start umpires are not left in sun for long periods of time. Provide refreshments.	On the day	Senior Umpire/SRROC
7	Manning aligner's hut.	Falling into water.	Unlikely	Harmful	Moderate	Train aligners about their duties before putting them on aligner's pontoon, provide lifejackets.	On the day	Senior Umpire
8	Athletes waiting in Marshalling Area.	Sunstroke/hypothermia due to long wait in extreme conditions.	Unlikely	Harmful	Moderate	Reliance on competency of crews and coaches. Pontoon marshals to advise crews thought to have inadequate protection for the current conditions. Start umpires adjust race order if observed all participants present and earlier race awaiting crew. Crews to be reminded at registration that they may need to take extra water due to temperature on the day.	On the day	Pontoon Marshals/Umpires/SRROC

Area: Starting Area for 2000m Start								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Manning stakeboats.	Falling into water.	Unlikely	Harmful	Moderate	Train stakeboat personnel about their duties before putting them on stakeboat, provide lifejackets.	On the day	Umpires/NLC staff
2		Getting wet and cold.	Likely	Harmful	Substantial	Ensure stakeboat personnel have waterproof clothing. Rotate stakeboat personnel regularly.	On the day	Umpires/SRROC
3		Getting sunstroke.	Unlikely	Harmful	Moderate	Ensure stakeboat personnel are not left in sun for long periods of time. Provide refreshments.	On the day	Umpires/SRROC
4	Manning aligner's hut.	Falling into water.	Unlikely	Harmful	Moderate	Brief aligners before putting them on aligner's pontoon, provide lifejackets.	On the day	Senior Umpire
5	Athletes waiting in Marshalling Area.	Sunstroke/hypothermia due to long wait in extreme conditions.	Unlikely	Harmful	Moderate	Reliance on competency of crews and coaches. Pontoon marshals to advise crews thought to have inadequate protection for the current conditions. Start umpires adjust race order if observed all participants present and earlier race awaiting crew. Crews to be reminded at registration that they may need to take extra water due to temperature on the day.	On the day	Pontoon Marshals/ Umpires/SRROC

Area: Starting Area for 1900m/900m Time Trial Start								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Manning marshalling launches.	Falling into water.	Unlikely	Harmful	Moderate	Brief drivers about their duties beforehand and provide lifejackets.	On the day	SRROC & SR Staff
2		Getting wet and cold.	Likely	Harmful	Substantial	Ensure drivers have waterproof clothing.	On the day	SRROC & SR Staff
3		Getting sunstroke.	Unlikely	Harmful	Moderate	Ensure drivers are not left in sun for long periods of time. Provide refreshments.	On the day	SRROC & SR Staff
4		Colliding with other craft.	Highly unlikely	Extremely Harmful	Moderate	Only SR approved drivers with RYA Level 2 Powerboat Handling qualification to drive launches.	On the day	SRROC & SR Staff
5		Causing other craft to capsize.	Highly unlikely	Extremely Harmful	Moderate	Only SR approved drivers with RYA Level 2 Powerboat Handling qualification to drive launches. All launches must keep their wash to a minimum in order not to interfere with racing, unless it is an absolute emergency.	On the day	SRROC & SR Staff

6	Athletes waiting in Marshalling Area.	Sunstroke/hypothermia due to long wait in extreme conditions.	Unlikely	Harmful	Moderate	Reliance on competency of crews and coaches. Pontoon marshals to advise crews thought to have inadequate protection for the current conditions. Umpires to start time trials as soon as possible. Crews to be reminded at registration that they may need to take extra water due to temperature on the day.	On the day	Pontoon Marshals/ Umpires/SRROC
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Area: Umpire's Launch

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Following race.	Falling into water.	Unlikely	Harmful	Moderate	Brief umpires before putting them on launch, provide lifejackets.	On the day	Senior Umpire & NLC staff
2		Colliding with other craft.	Highly unlikely	Extremely Harmful	Moderate	Only approved NLC staff to drive launches.	On the day	NLC staff
3		Causing other craft to capsize.	Highly unlikely	Extremely Harmful	Moderate	Only approved NLC staff to drive launches. All launches not following races must keep their wash to a minimum in order not to interfere with racing, unless it is an absolute emergency.	On the day	NLC staff

Area: Gopher Boat

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Ferrying umpires/volunteers around the course.	Falling into water.	Unlikely	Harmful	Moderate	Brief umpires/volunteers before putting them on launch, provide lifejackets.	On the day	Senior Umpire & NLC staff
2		Colliding with other craft.	Highly unlikely	Extremely Harmful	Moderate	Only approved NLC staff to drive launches.	On the day	NLC staff
3		Causing other craft to capsize.	Highly unlikely	Extremely Harmful	Moderate	Only approved NLC staff to drive launches. All launches must keep their wash to a minimum in order not to interfere with racing, unless it is an absolute emergency.	On the day	NLC staff

Area: Safety Boats

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Safety patrol.	Falling into water.	Unlikely	Harmful	Moderate	Only approved NLC staff to drive launches. Staff provided with lifejackets.	On the day	NLC staff
2		Colliding with other craft.	Highly unlikely	Extremely Harmful	Moderate	Only approved NLC staff to drive launches.	On the day	NLC staff

3		Causing other craft to capsize.	Highly unlikely	Extremely Harmful	Moderate	Only approved NLC staff to drive launches. All launches not following races must keep their wash to a minimum in order not to interfere with racing, unless it is an absolute emergency.	On the day	NLC staff
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Area: Warm-up Area

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Rowing/sculling.	Falling into water / capsize.	Unlikely	Harmful	Moderate	Ensure NLC provide rescue vessels.	On the day	SRROC Chair
2		Colliding with other craft.	Unlikely	Slightly Harmful	Tolerable	Ensure circulation pattern is published and made known to all crews boating - circulation pattern reduces risk of head-on collision. Ensure NLC provide additional marker buoys.	On the day	SRROC
3		Colliding with Finish Tower footbridge.	Unlikely	Slightly Harmful	Tolerable	Position marshal on footbridge to warn crews.	On the day	SRROC

Area: Racing Lanes

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Rowing/sculling.	Falling into water / capsize.	Unlikely	Harmful	Moderate	Ensure NLC provide rescue vessels.	On the day	SRROC Chair
2		Colliding with other craft or fixtures.	Unlikely	Slightly Harmful	Tolerable	Ensure circulation pattern is published and made known to all crews boating - circulation pattern reduces risk of head-on collision. Umpires will try to warn of possible collisions.	On the day	Umpires/SRROC
3	Manning timing huts and floating start tower.	Falling into water.	Unlikely	Harmful	Moderate	Brief umpires/volunteers before putting them on timing hut pontoons, provide lifejackets.	On the day	Senior Umpire/ SRROC

Area: Cool-down Area

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Rowing/sculling.	Falling into water / capsize.	Unlikely	Harmful	Moderate	Ensure NLC provide rescue vessels.	On the day	SRROC Chair
2		Colliding with other craft or fixtures.	Unlikely	Slightly Harmful	Tolerable	Ensure circulation pattern is published and made known to all crews boating - circulation pattern reduces risk of head-on collision. Ensure NLC provide additional marker buoys.	On the day	SRROC

Area: Equipment Safety								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Rowing/sculling.	Defective heel restraints trapping feet (following capsizes).	Highly Unlikely	Extremely Harmful	Moderate	Clubs to ensure Water Safety Rule No.13 for heel restraint requirements is adhered to. Control Commission Umpires to do spot checks on heel restraints.	Ahead of regatta and on the day	Clubs & Umpires
2		Defective bow ball causing injury (following collision).	Highly Unlikely	Extremely Harmful	Moderate	Clubs to ensure Water Safety Rule No.12 for bow ball requirements is adhered to. Control Commission Umpires to do spot checks on bow balls.	Ahead of regatta and on the day	Clubs & Umpires
3		Defective hatches allowing water into buoyancy compartments, thus compromising boat buoyancy.	Highly Unlikely	Extremely Harmful	Moderate	Clubs to ensure Water Safety Rule No.16 for buoyancy requirements is adhered to. Control Commission Umpires to do spot checks on buoyancy compartment hatches and seals.	Ahead of regatta and on the day	Clubs & Umpires

Area: Entire Site								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Medical Situations.	Minor Medical Issue.	Unlikely	Harmful	Moderate	First Aiders provided.	On the day	St Andrew's Ambulance
2		Serious Medical Emergency.	Highly Unlikely	Extremely Harmful	Moderate	Dial 999 to contact Emergency Services. Details of local hospital also provided.	On the day	SRROC
3		COVID-19	Unlikely	Harmful	Moderate	Check whether any COVID-19 restrictions apply and take appropriate action.	Ahead of regatta	SRROC & SR Staff
4	Serious Unforeseen Incident.	Serious Unforeseen Incident.	Highly Unlikely	Extremely Harmful	Moderate	Evacuation Plan in place and clear lines of communication in place.	On the day	NLC Booking Office
5	Rowing/Sculling.	Accidents occur during periods of no Water Safety Cover.	Unlikely	Harmful	Moderate	Publish lock access times and make available to crews. No access permitted when safety boats are not on duty.	On the day	SRROC, Officials & NLC staff

Area: Car & Trailer Parks								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Unloading boats.	Fall hazard - injury to rowers, damage to boats.	Unlikely	Harmful	Moderate	Reliance on competency of crews. British Rowing provides guidelines on trailers and towing.	On the day	Crews & Scullers
2	Rigging.	Cuts and bruises.	Unlikely	Slightly Harmful	Tolerable	First Aid Service / Medical Cover on site.	On the day	St Andrew's Ambulance

3	Movement of trailers, boats and cars in car/trailer parks.	Collision hazard - injury to rowers and/or damage to boats.	Unlikely	Harmful	Moderate	Reliance on competency of vehicle drivers to ensure trailers and cars are parked to allow adequate space to manoeuvre boats & people. British Rowing provides guidelines on trailers and towing.	On the day	Vehicle drivers
4	Movement of cars and cycles on roads and paths.	Collision hazard - injury to rowers, spectators and/or damage to boats.	Unlikely	Harmful	Moderate	Sign posting and speed limits on site.	On the day	Officials & NLC staff

Area: Environmental								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Thunder Storms & Lightning.	Severe injury, death or damage to equipment and structures.	Unlikely	Extremely Harmful	Substantial	Apply 30 sec/30 min rule - when gap between visible lightning and thunder is 30 sec or less, racing to be stopped, water to be cleared. All marquees and gazebos to be evacuated, and all athletes and spectators advised to seek shelter in the main building or to get into vehicles with doors and windows closed. Then to await all clear. All clear is 30 minutes after last clap of thunder or flash of lightning. Weather forecast to be checked night before regatta. See Regatta Alternative Arrangements Plan for further information.	On the day	SRROC & Senior Umpire
2	High Winds.	Capsizes and swampings due to waves, resulting in falling into water / getting wet.	Unlikely	Harmful	Moderate	SRROC and Senior Umpire to monitor weather forecast and water conditions in run-up to and throughout the period of the regatta with reference to Rules of Racing and act accordingly. Options - suspend racing, move 1000m racing to top of loch, reduce length of course, restrict boat types, restrict juniors/novices etc, abandon event. See Regatta Alternative Arrangements Plan for further information.	Week before and on the day	SRROC & Senior Umpire

3		Boats in marshalling areas blown onshore due to crosswinds.	Unlikely	Harmful	Moderate	Crews to keep their bows into the wind. Clubs to ensure that crews will be competent in such conditions. Onshore Marshal/Umpire positioned in marshalling areas to keep boats sufficiently away from the shore in crosswind conditions. See Regatta Alternative Arrangements Plan for further information.	Ahead of regatta and on the day	Crews, Clubs & Umpires/Marshals
4		Boats blowing off trailers, racking or trestles resulting in damage or injury.	Unlikely	Harmful	Moderate	Boats to be properly secured accordingly.	On the day	Coaches, Crews & Scullers
5	Blue/Green Algae.	Contact with Blue/Green Algae resulting in sickness.	Unlikely	Harmful	Moderate	Monitor water quality with NLC staff in run-up to and during regatta. Event will be cancelled/abandoned if necessary.	Week before and on the day	SRROC & Senior Umpire
6	Poor Visibility - Fog or Low Light.	Colliding with other craft or fixtures.	Unlikely	Harmful	Moderate	Consult with NLC staff. Options - wait until visibility is >500m before allowing boating, restrict number of crews on water, reduce length of course, abandon event. See Regatta Alternative Arrangements Plan for further information.	On the day	SRROC & Senior Umpire
7	Cold and/or Wet Weather.	Getting cold and wet.	Likely	Harmful	Substantial	Reliance on competitors, officials and volunteers to dress to the conditions and to bring waterproofs, change of clothing etc. Pontoon marshals to advise competitors thought to have inadequate protection for the current conditions.	On the day	Pontoon Umpires/Marshals

Area: Welfare and Safeguarding Vulnerable Adults

	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Rescuing individual athletes.	Injury to rowers and/or damage to boats.	Unlikely	Slightly Harmful	Tolerable	Umpires to be informed of adaptive athlete specific issues which need to be taken into consideration. Safety boat personnel to be aware of issues, and be familiar with adaptive boats and strapping prior to boating. Welfare Officer involved in planning of event, and present during regatta. Friends and family of adaptive athletes present and assisting during boating and disembarking.	On the day	Umpires & NLC staff

Area: Catering								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Fire in Tea Tent.	Burns, smoke inhalation.	Highly Unlikely	Extremely Harmful	Moderate	Catering staff to be instructed accordingly in safe practices regarding use of cooking and other appliances which have the potential to cause fire.	On the day	Catering Supplier
2	Unclean catering area/poor food hygiene.	Consumption of contaminated food resulting in food poisoning or sickness.	Highly Unlikely	Harmful	Moderate	Use caterers with good credentials. Caterers to have public liability insurance.	During caterer selection	SRROC & Catering Supplier
3	Foods known to cause allergies not labelled properly.	Food known to cause allergy unknowingly eaten by person with allergy who then suffers a reaction.	Unlikely	Extremely Harmful	Substantial	Foods clearly labelled.	On the day	Catering Supplier

Area: Scottish Rowing Centre (when being used)								
	Activity	Hazards	Probability	Harm Level	Risk Level	Action Required	When?	By Whom?
1	Ergometer use for warm-up etc.	Slipping or tripping.	Unlikely	Harmful	Moderate	Ensure area is free of slip and trip hazards. Cover/secure equipment cabling.	On the day	Scottish Rowing Staff
2		Poor equipment set-up leading to injury.	Unlikely	Harmful	Moderate	Ensure machines are correctly assembled. Secure machines properly to avoid slippage. Cover/secure equipment cabling. Any associated electrical equipment to have been PAT tested.	On the day	Scottish Rowing Staff
3		Physical injury due to rowing.	Unlikely	Slightly Harmful	Tolerable	First Aid available on site.	On the day	SRROC
4	Fire in Scottish Rowing Centre.	Burns, smoke inhalation.	Highly Unlikely	Extremely Harmful	Moderate	Fire and evacuation procedures clearly listed throughout the building.	On the day	Scottish Rowing Staff