

National Schools Regatta 2025				Date:		19 May 2025									
Hazard	Reduce probability of a hazard causing a hazardous event		Hazardous Event	Reduce the severity of harm		Harm	Severity (1-5)	Probability (A-E)	Level of Risk (L/M/H)	Action Owners					
	Barriers	Action to maintain barriers		Controls	Action to maintain controls					Event Coordinator	Event RSA(s)	Event Committee	Venue Management	Race Control	Medical Team
Movement of boats in boating area.	All crews to follow the circulation pattern. Two northward stages and Country Park are to be used for embarkation only. Two southerly stages are to be used for disembarkation only. Crews and Umpires to remain observant. Landing stage Umpires to instruct competitors to comply with circulation pattern. Clear embarkation limingsto reduce number of crews on water.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision in boating area.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
Boats using Lane 0 (motor boats and distressed craft exempt).	All crews to follow the circulation pattern. Crews and Umpires to remain observant. During racing the Umpire will warn a crew to move back into Lane 1 or stop the crew. Large buoy placed at end of ceremonial raft. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with static object (pontoons, bank).	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
Boats travelling too fast in warm up pattern.	All crews to follow the circulation pattern. Competitors and Umpires to remain observant. During racing the Umpire will warn a crew to move back into Lane 1 or stop the crew. Large buoy placed at end of ceremonial raft. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision in warm up loop.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
Boats training or practising.	All crews to follow circulation pattern. Where practice is permitted, the circulation pattern leaves empty lanes between crews going in opposite directions. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with another boat proceeding to the start or training.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
All racing distances															
Boats warming up or cooling down.	All crews to follow circulation pattern. Specified warm up and cool down areas present in the circulation pattern. Crews to keep clear of racing crews and not impede a race. Safety Plan warns of danger and advises crews to stop near to the bank. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with another boat proceeding to the start or with a boat that is racing.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
Boats proceeding to start and turning at start.	All crews to follow circulation pattern. Turning Marshall assemblies crews in lane number order and dispatches all crews diagonally across the course to the designated lane. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with another boat proceeding to the start or with a boat that is racing.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
Boats racing (side by side)	All crews to follow circulation pattern. Specified warm up and cool down areas present in the circulation pattern. Crews to keep clear of racing crews and not impede a race. The draw for repechages, semi-finals and finals to leave lane 6 empty wherever possible. Safety Plan warns of danger and advises crews to stop near to the bank. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with another boat proceeding to the start or with a boat that is racing.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
Boats racing (time trials)	All crews to follow circulation pattern. Specified warm up and cool down areas present in the circulation pattern. Crews to keep clear of racing crews and not impede a race. Specified lanes to be used for time trials, and for crews being overtaken to move into. Safety Plan warns of danger and advises crews to stop near to the bank. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with a boat proceeding to the start or with another boat that is racing.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X		
Crews rowing in opposite directions during racing.	All crews to follow circulation pattern. Stop warming up and cooling down. Umpires to issue official warning or disqualify crews not following the circulation pattern or failing to obey Officials' instructions.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision between crews rowing in different directions during racing.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	3	B	Low	X	X	X	X		
Ceremonial raft	All crews to follow circulation pattern. Crews and Umpires to remain observant. Warning up area and route to start away from presentation raft. Umpires to instruct crews when safe to manoeuvre onto/away from presentation raft. Locate Marshals and/or Safety boats within finish area to warn crews.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with presentation raft and timing rafts.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	B	Low	X	X	X	X		

Other boats, pontoons and bank.	All crews to follow circulation pattern. Crews and Umpires to remain observant.	Brief Umpires and Marshalls. Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision resulting in capsize.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Crews get cold and wet / risk of mild hypothermia.	2	C	Low	X	X	X	
Technical error/poor technique.	Based on weather conditions, race schedule may require adjustment based upon competency. (See Alternative Arrangements Plan) Control Commission to check heel restraints, coxes' lifejackets and clothing before boating.	Brief Umpires, Marshalls and safety personnel. Brief competitors and coaches.	Capsize on the water.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Crews get cold and wet / risk of mild hypothermia.	2	C	Low	X	X	X	
Technical error/poor technique.	Based on weather conditions, race schedule may require adjustment based upon competency. (See Alternative Arrangements Plan) Control Commission to check heel restraints, coxes' lifejackets and clothing before boating.	Brief Umpires, Marshalls and safety personnel. Brief competitors and coaches.	Rower/cox unable to exit boat following capsize.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Cold water shock / drowning / severe hypothermia.	2	C	Low	X	X	X	
Rough water.	Based on weather conditions, race schedule may require adjustment based upon competency. (See Alternative Arrangements Plan) Control Commission to check heel restraints, coxes' lifejackets and clothing before boating.	Brief Umpires, Marshalls and safety personnel. Brief competitors and coaches.	Capsize on the water and rower/cox may be unable to exit boat after capsize	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Crews get cold and wet / risk of mild hypothermia.	2	C	Low	X	X	X	
No safety cover.	Course opening times published, with no access permitted when closed. No entry signs to be placed on all pontoons to indicate when the course is closed, and removed when safety cover is present and course is open. Control Commission to prevent crews from boating as noted in the Competition Safety Plan. Outside of competition hours, the National Water Sports Centre are responsible for course access.	Brief Umpires and Marshalls. No entry signs to be placed on all pontoons when course is closed. Control Commission in place before boating commences. Access restrictions in competitors instructions.	Incident due to crews on the course before safety cover is in place or too close to starting racing.	No entry signs showing course availability. Control Commission restricting course access. Competitors instructions distributed.	Commentary to remind crews of course availability. Control Commission in place to restrict course access. Pontoon signage clearly showing access not permitted. If available, launch used to escort crews on the water back into the pontoons.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X
No safety cover.	Course opening times published, with no access permitted when closed. No entry signs to be placed on all pontoons to indicate when the course is closed. Safety cover only available until the end of the competition, and stood down by Race Control. Outside of competition hours, the National Water Sports Centre are responsible for course access.	Brief Umpires and Marshalls. No entry signs to be placed on all pontoons when course is closed. Access restrictions in competitors instructions.	Incident due to crews on the course after racing ends.	No entry signs showing course availability. Control Commission restricting course access. Competitors instructions distributed.	Commentary to remind crews of course availability. Pontoon signage clearly showing access not permitted. If available, launch used to escort crews on the water back into the pontoons.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X
Strong tail wind.	Umpires to instruct crews to manoeuvre safely. Crews and Umpires to remain observant. Based on weather conditions, only competent crews and exclude 1x, 2x and 2- boats if necessary.	Control Commission and pontoon marshalls to remain observant. Megaphone to be provided for warning crews.	Crews blown onto landing stages or other crews boating.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	
Congestion in boating area.	All crews to follow Circulation Pattern. Umpires to instruct crews to manoeuvre safely. Crews and Umpires to remain observant.	Control Commission and pontoon marshalls to remain observant. Megaphone to be provided for warning crews. Brief Umpires: Issue circulation pattern to all competitors and Umpires. Brief competitors and coaches. Display circulation pattern at Registration.	Collision with other boat, pontoon or bank.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	
Poor launch driving.	Use experienced and qualified launch drivers. All launch drivers to follow Circulation Pattern.	Brief launch drivers. Issue circulation pattern to all launch drivers.	Capsize or swamping caused by launch wash.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Crews get cold and wet / risk of mild hypothermia.	3	A	Low	X	X	X	X
Embarking and disembarking launches.	Use experienced and qualified launch drivers. Launch drivers to follow Circulation Pattern. Embarkation and disembarkation at designated points only.	Brief launch drivers, Umpires and Marshalls. Issue circulation pattern to all launch drivers.	Slipping or falling when embarking or disembarking.	All onboard to wear lifejackets. Rescue with throw line. Rescue with launch. Administer first aid. Summon help from ambulance or paramedics.	Provide adequate safety boat cover with first aid kit and radio communication with Race Control. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Injured person. Person is cold and wet/risk of mild hypothermia.	2	C	Low		X		X

Recovering person from water.	Use experienced and qualified launch drivers. Safety boats crewed by two suitably qualified safety personnel	Brief safety boat crews, Umpires and Marshalls.	Person injured when being recovered from water.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews containing higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Injured person. Person is cold and wet/risk of mild hypothermia.	2	C	Low	x			
Tripping hazards on pontoon or slippery pontoon.	Keep pontoon area clear of equipment. Pontoon area access limited to essential persons only. Pontoon users to remain observant. Remove hazards if possible.	Brief Umpires, Marshalls and launch drivers.	Person tripping or falling off pontoon.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Provide adequate safety boat cover with first aid kit and in radio communication with Race Control. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Injured person. Person is cold and wet/risk of mild hypothermia.	2	B	Low	x	x	x	
Jumping in.	Crews advised and strongly discouraged not to jump into water or throw coxes in.	Brief Umpires and Marshalls. Brief competitors and coaches. Expected behaviours in competitor instructions.	Colliding with underwater object.	Rescue with throw line. Rescue with launch. Recover boat. Administer first aid. Summon help from ambulance or paramedics.	Provide adequate safety boat cover with first aid kit and in radio communication with Race Control. First Aid cover stationed by the tower. Ambulance on site. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Injured person. Person is cold and wet/risk of mild hypothermia.	3	C	Moderate	x	x	x	x
<b>Additional for Start Zone</b>													
Southwesterly wind (headwind).	All crews to follow Circulation Pattern. Umpires to instruct crews to manoeuvre safely. Crews and Umpires to remain observant and assist crews with throw lines if required. Based on weather conditions, only competent crews and exclude 1x, 2x and 2-boats if necessary.	Issue circulation pattern to all competitors and Umpires. Throw lines available on starting pontoons. Issue Umpires with megaphones.	Crew being blown on to the bank.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	D	Moderate	x	x	x	
Outflow 100m	All crews to follow Circulation Pattern. Umpires to instruct crews to manoeuvre safely. Crews and Umpires to remain observant and assist crews with throw lines if required. Based on weather conditions, only competent crews and exclude 1x, 2x and 2-boats if necessary.	Issue circulation pattern to all competitors and Umpires. Throw lines available in race control adjacent to start pontoons. Issue Umpires with megaphones.	Crew being blown into the outflow channel in the NE corner of the lake whilst waiting in the start area.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control.E27 Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	x	x	x	x
Working on stake boats or pontoons	Brief stake boat and pontoon crews on equipment, duties and working methods. All personnel working on stake boats and pontoons to wear lifejackets. All personnel to remain observant.	Issue safety information to all stake boat and pontoon personnel. Ensure all personnel are wearing lifejackets.	Falling from or being pulled off stake boat or pontoon.	Rescue with throw line. Rescue with launch. Recover boat. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Ensure throw lines and life jackets provided for personnel. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Injuries to stake boat crews and officials. Person is cold and wet/risk of mild hypothermia.	2	C	Low	x	x	x	x
Handling boats on stake boats.	Brief stake boat crews how to receive and hold boats.	Issue safety information to all stake boat and pontoon personnel.	Crush or strain injuries.	Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Injuries to stake boat crews and officials.	2	C	Low	x	x	x	x
<b>Weather</b>													
Lightning.	30/30 rule enforced. Race Control will monitor local weather information and advise CRSA and RCC. CRSA and RCC will monitor conditions and abandon, suspend or alter the competition and program as appropriate. Alternative Arrangements Plan enacted to clear personnel from course and to seek shelter.	Alternative Arrangement Plan to be followed by all parties. Brief Umpires, Marshalls and Race Control. Alternative Arrangement Plan in competitors instructions.	Struck by lightning at competition.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Alternative Arrangement Plan to be followed to arrange suspension or abandonment of competition.	Electrocution and/or burns.	4	B	Moderate	x	x	x	x
Unforecasted bad weather causing unrowable and/or dangerous conditions.	Race Control will monitor local weather information and advise CRSA and RCC. CRSA and RCC will monitor conditions and abandon, suspend or alter the competition and program as appropriate. Alternative Arrangements Plan to be followed. Based on weather conditions, only competent crews and exclude 1x, 2x and 2-boats if necessary. Any umpire or other key race official should stop racing if safety is compromised.	Alternative Arrangement Plan to be followed by all parties. Brief Umpires, Marshalls and Race Control. Alternative Arrangement Plan in competitors instructions.	Collision, capsize or swamping.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Damaged equipment. Injuries to rowers and officials. Crews get cold and wet/risk of mild hypothermia.	2	C	Low	x	x	x	x
Swamping conditions.	Race Control will monitor local weather information and advise CRSA and RCC. CRSA and RCC will monitor conditions and abandon, suspend or alter the competition and program as appropriate. Based on weather conditions, only competent crews and exclude 1x, 2x and 2-boats if necessary. Alternative Arrangements Plan to be followed. Any umpire or other key race official should stop racing if safety is compromised.	Alternative Arrangement Plan to be followed by all parties. Brief Umpires, Marshalls and Race Control. Alternative Arrangement Plan in competitors instructions.	Capsize or swamping.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Assist person in removing wet clothing and provide warm clothing and/or blankets. Provide warm (not hot) food and/or drink to person.	Crews get cold and wet/risk of mild hypothermia.	2	C	Low	x	x	x	
Fog and/or low cloud	Race Control will monitor local weather information and advise CRSA and RCC. CRSA and RCC will monitor conditions and abandon, suspend or alter the competition and program as appropriate. Booking only permitted when visibility is greater than 200m. Based on weather conditions, only competent crews and exclude 1x, 2x and 2-boats if necessary. Alternative Arrangements Plan to be followed. Any umpire or other key race official should stop racing if safety is compromised.	Alternative Arrangement Plan to be followed by all parties. Brief Umpires, Marshalls and Race Control. Alternative Arrangement Plan in competitors instructions.	Collision with other boat, bank or pontoon.	Rescue with throw line. Rescue with launch. Recover boat. Safety boats aware of crews with higher risk individuals. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control.F43 Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	3	B	Low	x	x	x	x

Cold and/or wet weather.	Advise competitors. Event staff/volunteers to wear appropriate clothing for conditions	Information in competitors instructions and event staff/volunteers briefing.	People get cold, risk of mild hypothermia.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Cold people/possible mild hypothermia.	2	C	Low	X	X	X	X
Lack of light.	Race Control will monitor local weather information and advise CRSAs and RCC. CRSAs and RCC will monitor conditions and abandon, suspend or alter the competition and program as appropriate. Alternative Arrangements Plan to be followed. Any umpire or other key race official should stop racing if safety is compromised.	Alternative Arrangements Plan to be followed by all parties. Brief Umpires, Marshalls and Race Control. Alternative Arrangements Plan in competitors instructions.	Collision with other boat, bank or pontoon.	Rescue with throw line. Rescue with launch. Recover boat. Administer first aid. Summon help from ambulance or paramedics.	Ensure Umpires in key locations & in communication with Race Control. Provide adequate safety boat cover. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	X
Strong sun and heat.	Advise competitors. Event staff/volunteers to wear appropriate clothing for conditions and wear sunscreen. Control Commission to ensure crews do not boat too early for racing. Commentary to remind competition attendees to seek shelter and stay hydrated.	Information in competitors instructions and event staff/volunteers briefing. Control Commission to not allow crews to boat too early. Provide shelter for personnel. Provide drinking water. Regular shift changes for event staff/volunteers.	People get too hot and sunburnt, suffer from dehydration, or risk of overheating.	Administer first aid. Summon help from ambulance or paramedics. Provide drinking water.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Provide cool showers for competitor use. Provide shelter from sun and drinking water locations. Commentary and Race Control to remind personnel to stay hydrated and seek shelter if required.	Heat stroke, hyperthermia.	2	C	Low	X	X	X	X
<b>On the Land</b>													
Vehicles and trailers moving around the site.	Vehicles and pedestrians to follow Land Circulation Pattern. Marshal trailer movements. Drivers and pedestrians to remain observant.	Information in competitors instructions. Clear signage erected to reinforce Land Circulation Pattern.	Collision involving vehicles, trailers and pedestrians	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	
Inadequate racking/storage	Competitors to ensure that boats to be tied down at all times on racking. Brief competitors and coaches about expected behaviours. Extra ties available as required.	Information to competitors and coaches.	Boats falling off racking.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X		
Boats being carried across road to Boat Park.	Vehicles and pedestrians to follow Land Circulation Pattern. Drivers and pedestrians to remain observant. Restrict points where boats can cross the road.	Information to competitors and officials. Clear signage erected to reinforce Land Circulation Pattern. Fences erected to restrict crossing points.	Collision with a vehicle.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X		
Boats being moved in Boat Park or boating areas.	Crews and pedestrians to follow Land Circulation Pattern. Crews and pedestrians to remain observant. Umpires to instruct crews to manoeuvre safely in boating area. Separate outgoing and incoming pontoons with fencing.	Information to competitors and officials. Clear signage erected to reinforce Land Circulation Pattern. Fences erected to separate pontoons.	Collision with pedestrians.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X		
Cyclists, rollerbladers, scooters, skaters and pedestrians on competition site.	No cycling in grandstand and enclosure areas, boating areas, tower or start area, toward the start on the south bank road from 30 minutes before racing until 30 minutes after racing. All personnel to remain observant while on site. If persistent breaches occur, appropriate penalties will be awarded by the Race Committee.	Information to competitors, coaches and event staff/volunteers. Clear signage erected to prohibit cycling, rollerblades, skaters and scooters.	Accident involving cyclists, rollerbladers, skaters and pedestrians on competition site.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	
Vehicles on south course-side road.	Restrict take road to authorised personnel only with a car pass. Drivers to remain observant, and give way to any cyclists and pedestrians. Obey the speed limit, drive on the right, with headlights on and hazard lights flashing. Erect signs advising speed limit and requirement to drive on the right.	Information to competitors, coaches and event staff/volunteers. Clear signage erected to remind to drive on the right.	Collision involving vehicles on south course-side road.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Damaged equipment. Injuries to rowers and officials.	2	C	Low	X	X	X	
Commentary vehicles on the south course-side road.	Drivers to remain observant, and give way to any cyclists and pedestrians. Obey the speed limit, drive on the right, with headlights on and hazard lights flashing. Erect signs advising speed limit and requirement to drive on the right.	Information to competitors, coaches and event staff/volunteers. Clear signage erected to remind to drive on the right.	Collision involving vehicles on south course-side road.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Injuries to rowers and officials.	2	C	Low	X	X	X	
Event vehicles on the south course-side road	Drivers to remain observant, and give way to any cyclists and pedestrians. Obey the speed limit, drive on the right, with headlights on and hazard lights flashing. Erect signs advising speed limit and requirement to drive on the right. Restrict movement to hours outside of racing.	Information to event staff/volunteers. Clear signage erected to remind to drive on the right.	Collision involving vehicles on south course-side road.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Injuries to rowers and officials.	2	C	Low	X	X	X	
Congestion involving vehicles and pedestrians in the tower area.	Erect signs and barriers across the road at both ends of main centre buildings to restrict access to authorised vehicles only. Restrict access to tower area to authorised personnel.	Information to event staff/volunteers. Clear signage and barriers erected to restrict access.	Collision between vehicles and pedestrians in the tower area.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Injuries to rowers and officials.	3	C	Moderate	X	X	X	X
Decanting/storing fuel	Fuel to be decanted and stored only in designated areas. Decanting fuel only to be carried out by authorised personnel.	Designate areas for decanting and storing of fuel. Brief launch drivers. Launch Supervisor to monitor correct procedures are followed.	Fire, explosion and/or water contamination	Use fire extinguishers. Summon help from emergency services.	Provide fire extinguishers in decanting and storing areas. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Burns.	3	C	Moderate			X	
Carrying heavy loads.	Proper lifting and carrying techniques to be followed. Restrict weight to be lifted and/or distance to be carried.	Information to event staff/volunteers.	Person suffers strains or musculo-skeletal injury.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Strains and musculo-skeletal injuries.	2	C	Low	X	X		
Mud, grass and slippery surfaces.	Install matting in high usage areas which are prone to becoming muddy. Restrict access to the area when deemed to be unsafe. Advise competition attendees of site conditions pre-event, and recommend appropriate clothing/footwear.	Provide and install matting if required. Erect signage and barriers if restricting access to an area. Advise in competition instructions.	Slips, trips and falls.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Personal injury.	3	C	Moderate	X	X	X	
Tent pegs and lines.	Ensure tent pegs and lines marked with hi-vis tape.	Mark pegs and lines with hi-vis tape	Slips, trips and falls.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Personal injury.	2	B	Low	X			X
Impaling and/or falling off structure scaffold for signage	Ensure 3rd party installer follows correct safety protocol.	Regular checks of installation by OC.	Slips, trips and falls.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Personal injury.	2	B	Low	X	X	X	X
Accident involving 3rd party signs and barriers.	Signs to be well secured, and using breathable branding where possible. Install barriers in zig zag arrangement and/or with T pieces with sandbags to ensure secure in windy conditions. In the event of windy conditions, remove signs and lay barriers down.	Regular checks of installation by OC.	Slips, trips and falls.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Personal injury.	2	B	Low	X	X	X	
<b>Communications</b>													
Blocked radio frequency.	Officials trained in correct radio operating procedure. Provide different radio channels for different purposes. Establish an emergency/back up channel for the event of blocked frequencies. Use of radio equipment that terminates "stuck mic" transmissions after 5 seconds.	Brief Umpires, Marshalls and event staff/volunteers in correct radio protocol.	Officials unable to communicate effectively in an emergency.	Mobile phones or other communication means used as back up.	Race Control maintains a list of mobile phone numbers and rota/locations of officials. Secondary communication methods (to be agreed by OC) such as WhatsApp to send urgent information.	Loss of Radio Communication.	3	C	Moderate	X	X		X

Radio failure.	Mobile phones to be used for emergency communication. Establish an emergency radio channel, using a separate relay or transmitter, for use in full network failure.	Brief Umpires, Marshalls and event staff/volunteers in correct radio protocol.	Officials unable to communicate effectively in an emergency.	Summon help from radio engineer. Mobile phones or other communication means used as back up.	Race Control maintains a list of mobile phone numbers and rota/locations of officials. Secondary communication methods (to be agreed by OC) such as WhatsApp to send urgent information. Radio engineer to remain contactable in the event of network failure.	Loss of Radio Communication	3	C	Moderate	X	X			X
Umpires/coaches not aware of safety rules and procedures	Umpires and coaches to attend briefings. Potential of official warning/disqualification for those who do not attend regular additional briefing sessions as required. Post competition information on website.	Information to competitors, coaches and event staff/volunteers. Register maintained of those who attend briefings.	Umpires, launch drivers, coaches do not take correct action in an emergency.	Race Control informed of any breach of safety rules or procedures.	Race Control to report breaches of safety rules or procedures to CRSA and RCC. Race Committee to advise personnel of breaches and re-educate/sanction as appropriate.	Loss of Safety Awareness.	2	C	Low	X	X			
<b>Medical / Welfare</b>														
Young person in official/volunteer position unattended.	Ensure that always 2 people on shift on position, with a responsible adult supervising at all times. Regular breaks taken to reduce fatigue. Event Welfare Officer to supervise positions to ensure Event Welfare Plan is followed.	Event Welfare Officer to oversee rota and volunteer placement.	Welfare Incident.	Event Welfare Officer informed of any occurrence where position is single staffed or breaks not taken.	Event Welfare Officer to conduct regular in person checks to ensure official/volunteer welfare is maintained. Welfare policy with contact details provided in Competitor and Volunteers Instructions.	Welfare Issue.	3	A	Low		X			X
Blue-green algae.	Race Control, CRSA and RCC will monitor conditions and alter, suspend or abandon the competition as appropriate. Inform all attendees of risk. Follow British Rowing blue-green algae recommendations for safety and cleaning.	Information to competitors, coaches and event staff/volunteers. OC to monitor water quality.	Contact with blue-green algae.	Administer first aid. Summon help from ambulance or paramedics.	Provide adequate safety boat cover with first aid kit and in radio communication with Race Control. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Wash person in shower to remove contamination.	Sickness.	2	C	Low	X	X	X	X	
Waterborne diseases.	Inform Umpires and competitors of risk. Minimise contact with water, especially in areas known to be contaminated. Cover cuts, abrasions and blisters with waterproof dressings. Wash open wounds, cuts and blisters properly on return to land. Abandon racing if conditions dictate.	Information to competitors, coaches and event staff/volunteers. OC to monitor water quality.	Infection or illness following contact with polluted water.	Administer first aid. Summon help from ambulance or paramedics.	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Hand washing, cleaning products and showers provided to remove contamination.	Sickness or infections.	2	B	Low	X	X			X
Medical emergency on land.	Inform Race Control of incident, who will commence emergency response. First Aid, Paramedics and Safety Boats (as required) to attend emergency location.	Information and briefing to competitors, coaches and event staff/volunteers.	Problem occurs that requires medical attention.	Inform Race Control of incident. Administer first aid. Summon help from ambulance or paramedics.	Establish Rendezvous Point (RVP) for external emergency services to report. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Ill or injured person.	2	C	Low	X	X			X
Medical emergency on water.	Inform Race Control of incident, who will commence emergency response. First Aid, Paramedics and Safety Boats (as required) to attend emergency location.	Information and briefing to competitors, coaches and event staff/volunteers.	Problem occurs that requires medical attention.	Inform Race Control of incident. Administer first aid. Summon help from ambulance or paramedics.	Establish Rendezvous Point (RVP) for external emergency services to report. First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance.	Ill or injured person.	2	C	Low	X	X			X
<b>Hygiene</b>														
Unclean catering area/poor food hygiene.	Employ caterers with correct food safety training and credentials.	Check compliance and status of caterers' hygiene certificates.	Consumption of contaminated food.	Caterers to have public liability insurance. Administer first aid. Summon help from ambulance or paramedics.	Venue has own cafeteria. Organising Committee to ensure that 3rd party suppliers have current and relevant catering safety certificates and liability insurance.	People suffer food poisoning and/or illness.	2	C	Low	X	X			
Foods known to cause allergies not labelled properly.	Employ caterers with correct food safety training and credentials. Ensure compliance with correct food handling and allergen protocols.	Check compliance and status of caterers' hygiene certificates.	Unknowingly eaten by person with allergy	Caterers to have public liability insurance. Administer first aid. Summon help from ambulance or paramedics.	Organising Committee to ensure that 3rd party suppliers have current and relevant catering safety certificates and liability insurance. Ensure volunteers, staff and contractors know where first aid and medical facilities are located.	Allergic reaction.	3	B	Low	X	X			
Toilets unclean and/or insufficient.	Ensure venue has adequate facilities.	Contract with Venue to specify standards for availability of adequate and hygienic changing and toilet facilities.	People come into contact with hazardous waste.	Venue to make alternative facilities available.	Work with venue to ensure additional facilities or cleaning are provided.	People become distressed or ill.	2	C	Low	X	X	X		
<b>Venue infrastructure</b>														
Vehicles blocking emergency access.	Establish clearly marked entrance / exit routes for emergency services. Position security staff on main routes into centre to ensure clear access.	Venue management to ensure security staff are in position during competition hours.	Emergency services unable to access venue.	First aid and medical services available on site on either side of NWSC	First Aid cover stationed by the tower (Ambulance) & fast response car on opposite bank of NWSC. Call Race Control for assistance. Ensure volunteers, staff and contractors know where first aid and medical facilities are located. Work with venue to remove blocking vehicle, or provide additional access as required.	Delay to off-site medical treatment.	4	A	Low	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 participants in 1 event in 10)	Probable (could happen to about 1% of the participants per event)	Highly probable (could happen to about 10% of the participants per event)
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)	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 cause hospitalisation for a few months)	Major damage & major costs (loss of several boats, high 3rd party damage)	Moderate	Substantial	Intolerable	Intolerable	Intolerable

Low	An acceptable level of risk.
Moderate	An acceptable level of risk that should be reviewed.
Substantial	An unacceptable level of risk.
Intolerable	An unacceptable level of risk.

<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.