**SUABC REGATTA EVENT RISK ASSESSMENT 2019**

**Risk Assessment Matrix**

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|  | **Severity of Outcome** | | |
| **Probability of Accidents** | 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

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| **RISK LEVEL** | **ACTION AND TIMESCALE** |
| Trivial | No action 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. |

**LAND BASED**

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| Land Based | Probability | Severity of Outcome | Risk | Action |
| Occurrence | Highly likely  Likely  Unlikely | Slightly harmful  Harmful  Very Harmful | Trivial  Tolerable  Moderate  Substantial  Intolerable |  |
| Vehicle / Pedestrian / Trailer collisions. | Unlikely | Harmful | Moderate | Trailers parked in a segregated. Movements supervised by regatta volunteers |
| Minor injuries caused during rigging etc. | Likely | Slightly Harmful | Moderate | Provide close First Aid cover |

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| Collisions between pedestrians and crews manoeuvring on land. | Likely | Slightly Harmful | Moderate | Provide Raft, Path, and Apron Marshals.  Reliance on competency of crews & coaches. Boating area segregated from public access. |
| Burns or Scalds | Likely | Harmful | Moderate | Ensure handles are securely attached to receptacles in which hot items are being carried.  Ensure people are not reaching across hot surfaces or steaming kettles  Provide long handles tongs and/or forks for use at BBQ  Care to be taken in choice of area for siting catering to reduce risk of trips due to uneven surface  BBQ drum to be left to cool adequately before being moved after the event |
| Cuts | Likely | Harmful | Moderate | Sharp knives only to be handled by Adults care to be taken when they are being used.  First Aider to be available to deal with any minor cuts. Major cuts to seek professional attention. |
| Food Contamination | Unlikely | Harmful | Moderate | Food to be purchased from a reputable source.  Food preparation to be supervised by someone holding a valid Food Hygiene Certificate.  Raw and cooked foods to be kept separate and processed in separate areas.  Burgers, Sausages and Vegetarian foods and Buns to be kept separate during preparation and cooking.  All food to be kept covered.  Nobody handling money to handle food |
| Collisions between bicycles and pedestrians | Unlikely | Harmful | Moderate | No cycling is allowed |
| General trips and falls. | Unlikely | Slightly Harmful | Tolerable | Open and even access to waterside and boating area. Provide First Aid cover. |
| Child Welfare & Safeguarding Issues | Unlikely | Extremely harmful | Trivial risk | Event Welfare Officer is appointed & onsite during event. Event welfare & safeguarding policy in place & notified to competitors ahead of event. Responsible adult’s contact details recorded for junior competitors. Bar operators instructed not to serve alcohol to under 18’s. |
| Fatal illness | Unlikely | Very Harmful | Substantial | First Aid present + telephone to emergency services. |
| Dangers from electrical equipment, computers, generators, cabling (on ground and overhead) | Unlikely | Harmful | Moderate | At this event, there is a minimal amount of this type of equipment. Any necessary remedial action will be taken following a site inspection the day before. |
| Dangers from inclement weather – thunder & lightning. | Unlikely | Harmful | Moderate | Pedestrians warned not to stand under trees, by nearest bank umpire & advised of emergency procedures via information sent to competitors ahead of event. |
| Fire in boathouse | Highly Unlikely | Harmful | Tolerable | Fire Exits & extinguishers |
| Vehicle Fire | Highly Unlikely | Harmful | Tolerable | Fire extinguishers in boathouse. |
| Bomb warning | Highly Unlikely | Harmful | Tolerable | Evacuation of area by PA & loudhailers |
| Major incident (air crash) | Highly Unlikely | Extremely harmful | Moderate | Evacuation of area by PA & loudhailers |
| Protest | Highly Unlikely | Harmful | Substantial | Suspend racing and call for Police assistance. |
| Fire at BBQ | Highly Unlikely | Harmful | Tolerable | Fire extinguishers at BBQ |

Water Based

All boat movements on the water are covered by the British Rowing Rules of Racing and adhere to British Rowing’s Rowsafe guidelines. The rules apply to all participants, who are responsible for following them. All coaches, marshals, umpires and officials enforce the rules when actual or likely failure is observed.

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| WATER BASED | Probability | Severity of Outcome | Risk | Action |
| Long wait in marshalling area prior to start, giving potential for hypothermia or heatstroke. | Moderate | Harmful | Low | Marshals to advise crews thought to have inadequate protection for the prevailing conditions. |
| Collisions between crews racing and crews warming up/down. | Unlikely | Harmful | Moderate | Crews follow strict circulation designed to minimise collisions. Pattern enforced by Marshals/Umpires. |
| Crew member falling ill/ sustaining injury whilst still in boat. | Unlikely | Harmful | Moderate | Umpire to call for Safety boat; which then conveys casualty to bank for medical attention. |
| Competitor falling out of boat. Risk of drowning/hypothermia. | Unlikely | Extremely Harmful | Substantial risk | As Above |
| Failure of engine on powered vessel. | Unlikely | Slightly harmful | Trivial risk | Radio and shouted warnings. Boat paddled to nearest safe position on bank. |
| Wind causing “sinking” conditions. i.e. “white horses” | Unlikely | Harmful | Substantial risk | Race Committee will delay and/or abandon racing. If afloat, crews will be told to return to rafts by safest lane, with safety boats in attendance. |
| Thunder and lightning. | Unlikely | Extremely Harmful | Intolerable risk | If closer than 6 miles/10km (lightning /thunder gap < 30 sec.) racing suspended. Crews off water. Proper shelter sought. Resumed after 30mins of no thunder/lightning. |
| Very cold weather, ice and snow | Unlikely | Slightly harmful | Trivial risk | High risk areas would be gritted. Race Committee to assess viability of event. |
| Extreme heat, sun exposure. | Unlikely | Slightly harmful | Trivial risk | Competitors advised to dress appropriately and use sun block. Officials to look for any signs & call for medical assistance if need |
| Child Welfare & Safeguarding Issues | Unlikely | Extremely harmful | Trivial risk | Event Welfare Officer is onsite during event. Welfare & safeguarding policy in place & notified to competitors before event. Responsible adult’s contact details recorded for junior competitors. Bar operators instructed not to serve alcohol to under 18’s. |
| Protest | Unlikely | Harmful | Substantial | Suspend racing and call for Police assistance. |