



Junior Sculling Head at Dorney Lake

Friday 24th March 2017

Promoted under British Rowing's Rules of Racing

Risk Assessment

This risk assessment is prepared in accordance with the recommendations and standards set out in the British Rowing's Row Safe: A Guide to Good Practice in Rowing ("Row Safe").

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 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.

The Oarsport JSH in 2017 will be held at the purpose built Eton College Rowing Centre Dorney Lake. As it is on a lake there is no risk from passing vessels, and no risk of strong stream conditions. Because of risk of damage to grassed areas most land based activities are confined to surfaced areas. The Rowing Centre is professionally managed. The advice given by the staff is always followed particularly on safety matters.

LAND BASED	Probability	Severity of Outcome	Risk	Action
Occurrence	Highly Unlikely Unlikely Likely	Slightly harmful Harmful Very Harmful	Trivial Tolerable Moderate Substantial Intolerable	
Vehicle / Pedestrian / Trailer collisions.	Unlikely	Harmful	Moderate	Trailers parked in a segregated area. Car parks managed.



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Safety Plan

Minor injuries caused during rigging etc.	Likely	Slightly Harmful	Moderate	Provide close First Aid cover
Collisions between pedestrians and crews manoeuvring on land.	Likely	Slightly Harmful	Moderate	Provide Raft and Apron Marshals. Reliance on competency of crews & coaches. The boat rigging and racking areas are clearly defined and supervised and separated from vehicle and trailer storage areas.
Collisions between bicycles and pedestrians	Unlikely	Harmful	Moderate	Bicycles restricted to roads where there are no pedestrians, following a one-way system. No cycling allowed on apron, or on North side of Lake. Bank Umpires to enforce this rule.
Collisions between cyclists and vehicles on Island Road	Unlikely	Harmful	Moderate	Very occasionally it may be necessary for cycles to travel against the flow traffic (eg departing oversize trailer). Vehicles will be supervised when or if it occurs.
General trips and falls.	Unlikely	Slightly Harmful	Tolerable	Blade racks provided to improve tidiness and reduce trip hazards to all. Provide first Aid cover.
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 stays supporting ropes to closed areas.	Unlikely	Harmful	Moderate	There was an incident in 2013 resulting in serious injury when truck driver disobeyed one-way instructions. Circulation has been changed to avoid repeat.
Dangers from Inclement weather – thunder & lightning.	Unlikely	Harmful	Moderate	Pedestrians warned not to stand under trees, by nearest bank umpire. No crews on water during lightning.
Fire in boathouse	Highly Unlikely	Harmful	Tolerable	Marked 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



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Major incident (air crash)	Highly Unlikely	Extremely harmful	Moderate	Evacuation of area by PA & loudhailer.
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Water Based

All boat movements on the water are covered by British Rowing's Row Safe 2016. Row Safe applies to all participants, who are responsible for following the standards and recommendations set out therein. All coaches, marshals, umpires and officials enforce these standards and recommendations when actual or likely failure is observed. Officials have radio communication with race control.

WATER BASED	Probability	Severity of Outcome	Risk	Action
Equipment failure whilst on water.	Unlikely	Harmful	Moderate	Control Commission / raft Marshals may examine boats before crews boat. Outer and middle lanes reserved for any crew with equipment or illness problems.
Collision between Crews Training before Racing Commences.	Unlikely	Harmful	Moderate	Circulation Pattern in place, No pre-race training permitted and no crew allowed to boat until a Safety boat is on water.
Long wait in marshalling area prior to start, giving potential for hypothermia	moderate	Harmful	Low	Warm up circulation pattern allows crews to keep on the move. Raft 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	Circulation Pattern map and instructions are provided for all crews. Physical separation barrier in place at entrance to warm up lake to avoid contact and buoys mark circulation. This is designed to minimise collisions, and is enforced by Safety boats and Marshals/Umpires afloat and on bank.
Crew member falling ill/ sustaining injury whilst still in boat.	Unlikely	Harmful	Moderate	Umpire to call for Safety boat (one of 5 present), which then conveys casualty to rafts for medical attention. Outer and middle lanes reserved for a crew still able to move unaided.
Competitor falling out of boat. Risk of drowning/hypothermia.	Unlikely	Extremely Harmful	Substantial risk	As Above
Failure of engine on	Likely	Slightly	Trivial risk	Radio and shouted warnings given and



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powered vessel.		harmful		boat paddled to nearest shore.
Wind causing "sinking" conditions. i.e. "white horses"	Unlikely	Harmful	Substantial risk	Race Committee take decision adopt alternative circulation patterns to permit racing under safe conditions. If conditions become unsafe, Race Committee will delay 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 (lightning /thunder gap < 30 sec.). Racing suspended. Crews off water. Resumed after 30mins of no lightening / thunder. (30/30 rule)
Very cold weather, ice and snow	Unlikely	Harmful	Substantial risk	High risk areas gritted. Race Committee to assess viability of event but conditions not forecast for 2017.