Risk Assessment

Event	Nephthys Regatta	Date:	Fri 17th and Sat 18th November 2017
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No:	Hazard	Reduce probability a Hazard causing a Hazardous Event: Barriers	Reduce probability a Hazard causing a Hazardous Event: Action to maintain barriers	Hazardous Event	Reduce the Severity of Harm: Controls	Reduce the Severity of Harm: Action to maintain controls	Harm	Severity (1-5)	Probability (A-E)	Level of Risk (L/M/S/I)	Action Owners: Event Committee	Action Owners: Event RSA	Action Owners: Safety Boat Drivers	Action Owners: Control Commissions	Action Owners: other
Water															
1	Boats on the water	All boats have a trained Cox that has a valid OURCs coxing licence, Signs and clear circulation patterns present at both locks as well as Marshals along the course. OULRC running a coxing breifing (optional for coxes to attend). All participants must have passed a British rowing standard swim tests. Anyone unable to swim may NOT compete, even if wearing a lifejacket.		Collision	Rubber balls on bows, checked by Boathouse Marshals before boat being allowed on the water, Launch ready to transport First Aiders and kit to incidents. Trained first aiders at race desk (a minimum of 2, see safety plan for more details),		Injury, drowning, infection.	3	B	Low	X		X	X	
2	Boats Affloat for Racing/Practice	All boats to have a trained Cox that has a valid OURCs coxing licence, Small boats categories are 'open' only (no novices), with scullers required to have done a capsize drill. All participants must have passed a British Rowing standard swim tests. Anyone unable to swim may NOT compete, even if wearing a lifejacket. All crews to have been briefed about water quality. Coxes to wear lifejacket (manually inflated only in front loading boats).		Capsize	All boats must have heel restraints and closed sealed buoyancy hatches where fitted, these are to be checked by the OULRC Marshals at the boathouse prior to crews being allowed to push off from their raft All participants to stay with the boat. Safety Launch on call carrying a throw bag to aid evacuating crew quickly. Marshals will also be equipped with throw lines. Marshals on bank with radios		Injury, Drowning, infection.	2	A	Low	X		X	X	
3	Sudden Weather Conditions	Coxes to be made aware of conditions by marshals and to inform their crews of what to do in the event of swamping; stay with the boat and wait for the safety launch to come to their assistance. All crews to be aware of water quality and the risks of Weills disease		Swamping	Safety Launch available to transport First Aiders and Kit to incident		Drowning, Infection	2	A	Low	X		X	X	
4	Boats Affloat for Racing	All boats have a trained Cox that has a valid OURCs coxing licence. All crews to be aware of water quality and the risks of Weills disease. All participants must have passed a British Rowing standard swim test. Anyone who has not passed a swim test may NOT compete, even if wearing a lifejacket.		Crabs	Immediate Klaxon for head injury. Safety Launch available to transport First Aiders and Kit to incident. Marshals on bank with radios covering lines of sight. Racing to stop immediately (sounded by klaxon) if someone is thrown from boat.		Injury, drowning, infection.	2	C	Low		X			X
5	Racing/Transporting Boats	All rowers recommended to undertake a thorough warm up with stretching before going on water. Also recommend is for clubs to have an awareness of medical/physical problems present in the crew. Training in lifting & moving boats		Over Exertion	First Aiders & First Aid Kits available		Physical harm	2	B	Low					X
6															
7															
Weather															
1	Weather Conditions	Marshals, race officials, launch drivers to be briefed to bring warm, waterproof clothing, suitable for cold, wet weather. Coxes to be briefed to bring warm, waterproof clothing suitable for being on the river in November. Crew to wear easily removed warm clothing for marshalling before racing.		Hypothermia	Space blankets to be held at Race Desk.		Physical harm	4	B	Moderate	X		X		
2	Weather Condiitons	All crews boating after 14:30 (or earlier if instructed by Senior Umpire) to attach white lights to their stern and bows, clearly visibly from 360º. This will be communicated by boathouse marshals.		Poor Visibility	Safety launch to carry lights. In the event of weather conditions restricting visibility (fog, mist, snow etc) Senior Umpire will decide on usage of lights.		Collision	3	B	Low	X				
3	Weather Conditions	No novice coxswains		High Winds preventing buoying of course	Event will be run as a processional time trial (this will change race times for most, if not all crews) with boats going off in waves of a maximum of 12, grouped according to the event. They will be set off with 10-15 second intervals to avoid too many crews having to overtake. The time trial will not start until all boats involved are in position to race, thereby avoiding the need for a navigation lane. This will also allow cruisers heading downstream to proceed slowly, keeping well to the boathouse island side of the river (crews will be asked to race keeping to the coxswain's left, simulating the racing line for torpids and eights, and keeping to the inverted circulation above the gut). Other river traffic heading upstream will be asked to wait until the last boat in the procession has set off before following them upstream. The decision may also be made to cancel novice events..			1	B	Low	X				
4	Possibility of Electrical Storm			Lightning	If lightning is sighted, Race desk will determine the location of the storm by counting the time between lighting and thunder. If it is less than 30 seconds, racing will be suspended and competitors and officials will be advised to take shelter inside. Crews should head quickly and safely to the nearest landing stage, taking care not to obstruct other crews. Boats should only be left on the water if there is no other crew nearby waiting to land. Those below the gut may have to land at CORC or Falcon.		Lightning Strike to person	5	A	Moderate	X				
5															
6															
7															
Local Environment															
1	Pedestrians on the Towpath	Notices posted at entry points onto the towpath that a regatta is in progress and along route of course. Crowd Control Marshals at prominent / busy spots with radios to call for additional help where and when required. All Marshals to wear Bright Coloured Bibs.		People Falling Into River	Immersion – nearest marshal to be told and if imminent danger to person(s) immersed and/or towpath/river users, klaxon to be sounded. Follow Emergency Action plan.		Hypothermia, Infection	3	A	Low					
2	Pedestrians on the Towpath	All coaches & marshals to be advised of the need to be careful when riding along the towpath. OULRC Marshals to remind bank riders of racing crew to be aware of others and slow down if necessary. All bikes being used by bank riders and marshals are to be suitably equipped to warn other towpath users (e.g. have a bell). Lights are advised in poor light conditions, and must be used from 14:30 onwards. Coaches that continue to cycle dangerously will be fined and stopped from cycling alongside their crews, with a replacement bank rider being required for the crew to continue racing. Crews may only have one bank rider per boat.		Pedestrian Collisions	Marshals to radio racedesk with details. First Aid availible.		Physical harm	2	B	Low					
3	Equipment Failure	Spare radios held at race desk – with a race desk official able to deliver them to where radios are faulty		Radio Failure	In the event of complete radio failure, event will be stopped.		Event Stoppage	1	A	Low					
Terrorist Event, Bomb Threat, Evacuation/Invacuation															
1	Bomb Threat (Suspicious Package)	Take threat seriously. Do not touch or move object. Do not open package Don't let other interfere Don't touch use radios or mobile phone near package/object.		Finding Suspicious Package Receiving threat via text message, social media and/or phone	Activate EAP - Incident Controller to take charge. Move all people out of direct line of object and to at least over 100m away and if possible behind a solid object Call 999		Event Stoppage	5	A	High	X	X		X	X
2	Firearms/Weapons Attack (including Invacuation/Shelter)	Run / Tell / Hide		Use of firearms or Weapons by one or more indvidual OR incident declared by Police, OUSS or other body.	Run to place of Safety Hide and if in a building barricade if possible locking all doors and windows. Do not confront. Switch mobile phones and radios to silent. Only when safe to do so, activate EAP call 999 Security Services and warn others using radio.		Event Stoppage	5	A	High	X	X		X	X
3	Lockdown (on instructions of Police or Security Services) or Invacuation	Secure building One point of contact. Keep regular contact with Police/ Security Services Inform Incident Controller if he is not in the building(s) in lockdown.		Incident declared by Police, OUSS or other body.	Secure building, locking all doors and windows. No-one to leave building(s) unless told so by police/SS. Inform Incident Controller. One point of contact (whether a person in building or IC).		Event Stoppage	5	A	High	X	X		X	X
4															

		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 club's active members per decade)*	**Probable** *(could happen to about 1% of the club's active members per year)*	**Highly probable** *(could happen to about 10% of the club's active members per year)*
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; potentially a few weeks off rowing or training)*	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 end a rowing career or 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. No additional barriers/controls are required. Start or continue the activity but check that the current barriers/controls remain effective.
Moderate	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.
Substantial	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.
Intolerable	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.

1	A		Phone to summon assistance	Map showing navigation rules in boathouse	X	Launch	Ensure that rowers are always accompanied by the coaching launch
2	B		Navigation rules	Enforce procedure to carry mobile phone in waterproof carrier		Capsize drill	Ensure capsize drills are run at the start of each season as a minimum. Keep a record
3	C		Cox, bow steer competence	Club registration of coxes and bow steers competence		Steering competence	Ensure rowers become approved steers by passing the steering assessment.
4	D		Club rescue launch	Ensure club rescue launch and crew are on the water or available and ready to boat at all times		Coaching	Ensure that rowers are coached in the correct handling of less stable boats
5	E						
1A	Low						
1B	Low						
1C	Low						
1D	Low						
1E	Moderate						
2A	Low						
2B	Low						
2C	Low						
2D	Moderate						
2E	Substantial						
3A	Low						
3B	Low						
3C	Moderate						
3D	Substantial						
3E	Intolerable						
4A	Low						
4B	Moderate						
4C	Substantial						
4D	Intolerable						
4E	Intolerable						
5A	Moderate						
5B	Substantial						
5C	Intolerable						
5D	Intolerable						
5E	Intolerable						

Event Committee	Event RSA	Safety Boat Drivers	Control Commission	other (specify)

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