Risk Assessment

Event	OURCs Isis Winter League	Date:	17/09/2017
Author	Oliver Hedges (last edit James Lucas)	Rev:	11/10/2021

			that a Hazard causes a us Event			ity of Harm caused by the of a Hazardous Event			(A-E)	(1/S/W	Action Owners								
No:	Hazard	Barriers	Action to maintain barriers	Hazardous Event	Controls	Action to maintain controls	Harm	Severity (1-5)	Probability (A	Level of Risk (L/M/S/I)	Race Secretary	Comr	Incident Co- Ordinator	Launch Drivers	Senior Umpire Marshals	Other	if other, who?		
				Water	r		1									-			
1	Boats afloat for racing	Coaches and crews must have read the Safety Briefing and circulation plan before going afloat for practice or racing. Marshals to check all boats for adequate buoyancy measures before boating.	Prepare and provide safety briefing and inform coaches and crews that they must read it. Marshals briefed on boat checks.	Capsize or sinking during a race	Rescue with launch Administer first aid Warm casualty up slowly	A fully equipped safety launch in attendance at all times. Ensure that there is sufficient safety cover. Check equipment prior to use.	Cold water immersion leading to mild hypothermia	2	С	Low	x	x		x	x	x	Coaches, coxswains, crews		
1	Boats afloat for racing	Crews to be aware of and follow circulation plan Marshals to direct crews	Prepare and provide safety briefing and inform coaches and crews that they must read it. Race Committee/Secretary/marshals to remain vigilant for incorrect circulation and communicate to crews circulating incorrectly.	Collsion with bank or another boat	Rescue with launch	A fully equipped safety launch in attendance at all times. Ensure that there is sufficient safety cover. Check equipment prior to use.	Damage to boats Injury to crews	2	с	Low	x	x		x	x	x	Crews, coxswains, coaches		
2	Heel restraints broken or too loose	Boat checks to be conducted by marshals and crews	Ensure that Marshals checking equipment have instructions and a checklist	Rower trapped in capsized boat	Rescue with launch	A fully equipped safety launch in attendance at all times. Ensure that there is sufficient safety cover. Check equipment prior to use.	Becoming trapped in boat	3	в	Low				x	x	x	Crews, coxswains, coaches		
3	Cox wearing incorrect or poorly fitted lifejacket	Coxes in bow loaded boats are not permitted to wear lifejackets that inflate automatically Coxes to fit lifejackets correctly	Instructions to marshals and competitors	Cox trapped in capsized boat	Rescue with launch	A fully equipped safety launch in attendance at all times. Ensure that there is sufficient safety cover. Check equipment prior to use.	Becoming trapped in boat	3	в	Low				x	x	x	Coxswains, crews		
4	Athletes who are unable to swim being present in racing crews	All college crews must have passed an OURCs swim test. All non college crews must enter a declaration of swimming ability or proof of passing an OURCs standard swim test.	Entries system prevents college crews with non-swim-tested crews being entered for racing.	Athletes who are unable to swim falling into deep water	Rescue with launch following each division	A fully equipped safety launch in attendance at all times. Ensure that there is sufficient safety cover. Check equipment prior to use.	Water aspiration, drowning	4	A	Low	x			x		x	Club secretaries		
5	Poorly maintained equipment	Boat checks to be conducted by marshals and crews	Ensure that Marshals checking equipment have instructions and a checklist	Equipment failure possible capsize	Rescue with launch Administer first aid Warm casualty up slowly	A fully equipped safety launch in attendance at all times. Ensure that there is sufficient safety cover. Check equipment prior to use.	Damaged equipment Mild hypothermia	2	с	Low				x	x	x	Coxswains, crews		
6	Safety Launch	All launch drivers to be RYA2 trained	Refresher training available if required	Capsize	Second launch available to assist. Rescue with launch Administer first aid Warm casualty up slowly		Cold water immersion leading to mild hypothermia	2	в	Low		x		x					
6	Safety Launch	Lifejackets worn by everyone, kill cord worn by the driver at all times.	A reminder of life jackets and killcords to be given to all launch drivers	Falling Out	Rescue with launch Administer first aid Warm casualty up slowly	A fully equipped safety launch in attendance at all times. Ensure that there is sufficient safety cover. Check equipment prior to use.	Cold water immersion leading to mild hypothermia	2	с	Low		x		x		x	All launch passengers		
7	Poor launch driving	All launch drivers to be RYA2 trained	Refresher training available if required	Capsize Falling out of lunch	Lifejackets worn by everyone on launch, kill cord worn by the driver at all times.	A reminder of life jackets and killcords to be given to all launch drivers	Cold water immersion leading to mild hypothermia	2	в	Low		x		х					
				Weathe	er														

1 Norwardstrammer Description of the second strammer Description of th		r															
z Mathemation	1	Possibility of electrical storm	immediately, instructions from Race Secretary or Senior Umpire using radios carried by launch	Coaches and crews are	Rower or official struck by lightning	treatment, and casualty evacuation to hospital. AEDs mounted on University BH, and		Electrical burns, shock	3	в	Low	x			x		
2 Description of the set of the	2	rowable and/or dangerous			Crews swept into obstacles.			Rowers injured Cold water immersion leading to mild	3	D	Moderate	х	x	x	х	×	
1 Lun hold will will will will will will will wi	2	rowable and/or dangerous			Boats capsizing or swamping	Administer first aid	attendance at all times. Ensure that there is sufficient safety cover.	Cold water immersion leading to mild hypothermia	2	в	Low	x		х	x		
• by Curketion Bind digender and real forming	3	Low Visibility	visibility is reduced to less than 100m on any part of the racing course then	Crews to be warned before the	Crews crashing into obstacles or other boats or other river users	Administer first aid	attendance at all times. Ensure that there is sufficient safety cover.	Rowers injured Cold water immersion leading to mild	3	в	Low	x	x	x	x	×	,
S Significant control Bester warm Control Administration Administration Provide stateging on classes 2 B Loss X X Bester/set/set/set/set/set/set/set/set/set/set	4	Icy Conditions	small quantities of ice from the racing course. Racing cancelled if launches cannot sufficiently clear		Boats collide with ice	Use launch to escort damaged	attendance at all times. Ensure that there is sufficient safety cover.	Damage to boats	3	в	Low	x	x	x		x	
I Description	5	Significant ice on towpath	Crews requiring bank riders not	Secretary monitor conditions and	Cyclist collides with bystander, Cyclist or fixed	Administer first aid	Provide adequate first aid cover	Injury from slipping or collision	2	в	Low	x				x x	Bankriders
1 Spars kalles a name. Suppose kalle a name. Suppose kalle a name. Suppose kalles name. S		Other water users															
1 Spars kalles a name. Suppose kalle a name. Suppose kalle a name. Suppose kalles name. S									1						1 1		
1 Objects in the river Move any small object in the river that cause an obstruction, using the launches in the reaves formal signature for events formal signature for the events formal signature for events formal signature for events formal signature for the signature for advect sis advect signature for advect signat signature for advect signatu	1	Other River traffic	displayed at the entry points onto the course. Senior Umpire to check river is clear using marshals, and ensure other river users on the racing course are static before starting racing. Marshals to make sure crews stick to the sides of the river, as shown by the circulation pattern leaving the centre free. Ensure crews do not spin in front of cruisers. Moor cruisers up at when a race is about to go off. Coxes observe the circulation pattern and do not spin in front of cruisers. Racing to be stopped by marshals if inter traffic seems likely	river users alerting them to the event (sae event plan). Install signs displayed at the entry points onto the course. Brif Marshast to make sure crews stick to the sides of the river, as shown by the circulation pattern laaving the centre free. Also not to allow crews to spin in front of cruisers. Key marshals equipped with megaphones to hail crews, and all marshals to communicate to other river users entering the course. Crreate holding points to moor cruisers up at when a race is about to go of .Brief coxes to observe the circulation pattern and not to spin infont of cruisers. Brief coxes and crews to be aware of small craft such as	user	attendance at all times.			3	в	Low	x	×		×	××	
1Objects in the riverInspect course before start of marshals to remain viglant for new objects or suspend racing while it is moved.Inspect course before start of capsizeCollision wh objects, CapsizeRescue with launch if necessart Use launch to escort damaged basts to closest landing start.Damage to boats, cold water immersion leading to mild hypothermia2BLowXXX <td></td> <td></td> <td></td> <td>1</td> <td>Local Enviro</td> <td>onment</td> <td></td> <td>T</td> <td></td> <td>-</td> <td></td> <td></td> <td>r - r</td> <td>-</td> <td></td> <td></td> <td></td>				1	Local Enviro	onment		T		-			r - r	-			
Image: Note: In the second	1	Objects in the river	that can cause an obstruction, using the launches if necessary. Protect the crews from larger, immovable, objects or suspend	racing. Race officials and marshals to remain vigilant for new		Use launch to escort damaged	attendance at all times. Ensure that there is sufficient safety cover.	immersion leading to mild	2	в	Low	x	x	x		x	
1 Boats being moved on the land Clubs aware of spectators on land whist moving boats Clubs aware of responsibilities for any supporters and spectators Clubs aware of babes and spectator Administer first aid Marshals available at boathouses with radios to contact medical cover. C Low I X Cosswains recommended to the straight back and use good to contact medical cover. Spinal or other injuries 3 B Low I X Cosswains, crews					Handling boat	s on land											
1 Boats being moved on the land being moved on the land use good technique conswaris technique adde technique de la construite additate technique de la construite de la con	1	Boats being moved on the land	aware of spectators on land whilst			Administer first aid	Marshals available at boathouses with radios	immersion leading to mild	2	с	Low					×	Coxswains, crews
Faulty, incorrectly set and poorly maintained equipment	1		straight back and use good technique. Coxswains to monitor	observe crew lifting boat and	Lifting boats with poor technique	Administer first aid	Marshals available at boathouses with radios	s Spinal or other injuries	3	в	Low					×	Coxswains, crews
					Faulty, incorrectly set and poo	rly maintained equipme	ent										

1	Debris in river	Crew to clear river of debris as appropriate.	All launch users to be vigilant for debris in river	Failure of engine due to fouling of propeller	Rescue with another launch Remove debris from propeller	Launch to carry British Rowing recommended safety equipment, including a knife and paddle.	Damage to launch	2	в	Low			x			х	All launch passengers
2	Poorly maintained launch	Launch to be serviced regularly.	All launch users to be vigilant of any abnormal launch behaviour, and report it.	Mechanical failure	Racing to be suspended until minimum number of operational launches achieved (2)		Damage to launch	2	в	Low			x			х	All launch passengers
				Pre-existing health conditions	and low levels of fitnes	S											
1	Strenuous exercise	Rowers should warm up on land and warm down and stretch. Coaches and captains to take into acount medical history when selecting crews. Rowers should not compete if they feel unwell or are injured		Over-exertion	Marshal contacts Race Desk, who summons launch to assist and alerts First Aid by radio. Administer first aid	Ensure that Marshals are properly briefed and equipped and that there is medical cover	Hyperventilation, pulled muscles, cramp, back injury	1	D	Low	x				x	x	Coxswains, crews, coaches, captains
2	Pre-existing health conditions	Crew members are responsible for carrying their own medication if required (e.g. inhaler)	r Brief competitors	Collapse of athlete on landing stages (e.g., asthma attack or serious fall)	Marshal contacts Race Desk, who summons launch to assist and alerts First Aid by radio. Administer first aid	Ensure that Marshals are properly briefed and equipped and that there is medical cover	Serious health implications for competitor	3	в	Low	x				x	х	Coxswains, crews, coaches, captains
3	Pre-existing health conditions	Crew members are responsible for carrying their own medication if required (e.g. inhaler)	ſ	Collapse of athlete during a race (e.g., asthma attack)	Marshal contacts Race Desk, who summons launch to assist and alerts First Aid by radio.	Ensure that Marshals are properly briefed and equipped and that there is medical cover	Serious health implications for competitor	3	с	Moderate	x				x	х	Coxswains, crews, coaches, captains
				COVID-19	1												
1	Holding an event during COVID-19 pandemic	All participants will be requested not to attend the event if they are displaying any symptoms of COVID-19, or if they are self- isolating or in quarantine, as outlined in government guidance	Brief college clubs through pre- event information as soon as entries open, encourage entrants to partake in the regular symptom- free testing programs offered by the University	COVID-19 transmission during event through direct, airborne or indirect transmission. COVID-19 infection or symptoms appearing later	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	Potential serious health implications for a difficult COVID case; wider spread of the virus within the University, households and local community	2	с	Low	x	х				x	Members of competing clubs
		Record of competitors kept via OURCs database for more than 21 days; contact details also supplied via database (GDPR- secure) Entries will be carried out online,															
2	COVID transmission through race desk activities	no at-event registration is necessary for local events, no bow numbers or cox numbers are used; distancig maintained for any visitors queueing at race desk	<pre>/ Spare PPE available at race desk, for people who want it /</pre>	Direct transmission of COVID-19 amongst competitors and/or race desk. COVID-19 infection or symptoms appearing later	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	Potential serious health implications for a difficult COVID case; wider spread of the virus within the University, households and local community	2	С	Low	x	х				Х	Members of competing clubs
		Race desk to be set up in a well- ventilated space	Boat bay doors kept open during racing	Airborne transmission of COVID-19 amongst competitors and/or race desk. COVID-19 infection or symptoms appearing later	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	Potential serious health implications for a difficult COVID case; wider spread of the virus within the University, households and local community	2	в	Low	x	x					
		Spare hand sanitiser, wipes and cleaning materials available at race desk if needed	2	Indirect transmission of COVID-19 through equipment sharing/high-touch surfaces at race desk COVID-19 infection or symptoms appearing later	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	Potential serious health implications for a difficult COVID case; wider spread of the virus within the University, households and local community	2	A	Low	x	х	х	х	х	х	Members of competing clubs
3	COVID transmission through First Aid provision	First Aid providers (Epione Medical) are experienced and will take all necessary precautions; anyone assisting them will follow their advice	Discuss with Epione Medical beforehand	Direct transmission of COVID-19 through First Aid provision. COVID-19 infection or symptoms appearing later	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	Potential serious health implications for a difficult COVID case; wider spread of the virus within the University, households and local community	2	С	Low	x	х	х	х	х	Х	Members of competing clubs First Aiders
4	COVID transmission during marshal briefing	Marshal briefing to be conducted outdoors, if at all possible		Direct transmission of COVID-19 during marshal briefing. COVID-19 infection or symptoms appearing later	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	Potential serious health implications for a difficult COVID case; wider spread of the virus within the University, households and local community	2	в	Low	x	х	х	х	х	Х	Members of competing clubs
5	COVID transmission associated with shared equipment - i.e. between marshals, timing teams	Provision of hand sanitiser to anyone using shared equipment		Indirect transmission of COVID-19 through equipment sharing. COVID-19 infection or symptoms appearing later	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	Potential serious health implications for a difficult COVID case; wider spread of the virus within the University, households and local community	2	A	Low	x	х	Х	х	х	х	Members of competing clubs
6	High-Risk Individual helping on event committee or participating in event	Encourage individuals more at-risk to severe COVID-19 infection to take outdoor roles	Brief race committee and competing clubs beforehand by email	COVID-19 infection of High Risk Individual leading to severe illness or hospitilisation	Use of Oxford University's in- house testing service, together with Test and Trace information- sharing	All students are required to keep colleges informed of COVID cases and symptoms and to cooperate with testing and tracing	High Risk Individual contracts a serious case of COVID-19, possible hospitalization; wider spread of the virus within the University.	4	в	Moderate	х	х	х	х	х	х	Members of competing clubs

		Other											
1	 Only one bankrider allowed with each crew unless a second is allowed by Race Committee to train a novice cox Racedesk to keep a list of crews allowed two bankriders to ensure total number of bankriders stays low	Collision involving accompanying cyclists	Marshal contacts Race Desk, who summons launch to assist and alerts First Aid by radio. Administer first aid	Ensure that Marshals are properly briefed and equipped and that there is medical cover	Injury to cyclists and pedestrians, possibly immersion	1	D	Low	x		x	x	Bankriders

Glossary

Glossary	
direct contact transmission	Direct transmission occurs when microorganisms are transmitted directly from an infectious individual to another individual without the involvement of another contaminated person or object (fomite). E.g. breathing, coughing, shouting, singing, physical contact
airborne transmission	The spread of infection from one person to another by airborne particles (aerosols) containing infectious agents.
indirect contact transmission	Indirect transmission occurs when microorganisms are transmitted from an infectious individual to another individual through a contaminated object or person (fomite) or person.
	E.g. on surfaces, clothing, door handles etc.
High Risk Individual	An individual at high risk of severe illness from Coronavirus
	airborne transmission indirect contact transmission

In the event of the Environment Agency (EA) displaying Amber or Red Boards at the local locks which indicates a Strong Stream, OURCs have developed a range of contingency plans to allow the Regattas to continue in some form. (In italics is the Flag state relating to the number of bucks drawn, which dictates what rowing takes place during training)

Controls in place to reduce risks	Persons responsible for ensuring controls in place
Blue Flag (2-3 bucks) Good conditions (high water, but low stream and wind): Full Programme Poor conditions (high stream or winds): Senior Umpire to consider whether coxing restrictions, coxless-boat restrictions or small-boat racing restrictions are required, with the aid of the Captain of Coxes for coxed crews. The course may be shortened on the SU's advice. Crews may be permitted to withdraw with no financial penalty at the discretion of the Race Secretary.	
Amber flag (4 bucks) No Novice status coxes. SU to consult with the OURCs Captain of Coxes regarding any further coxing restrictions. SU may restrict small- boat or coxelses boat racing depending on the precise conditions. The course will be shortened on the SU's advice and consideration given to not permitting any above-Gut crew to go through the Gut. Crews may be permitted to withdraw with no financial penalty at the discretion of the Race Secretary. The race may be completely cancelled at the SU's discretion.	Race Committee, Race Secretary, Senior Umpire
Red Flag (5+ bucks) No Racing - event is cancelled	