



# baltic wharf sailing club

sail in Bristol harbour

RISK ASSESSMENT No: 001 April 2020

Activity: Sailing area at Baltic Wharf & Race control

All Baltic Wharf Sailing Club races that take place in Bristol Floating Harbour are under the overall safety control of the Harbourmaster (employed by Bristol City Council). It is not possible to test for leptospirosis (Weil disease). The risk of contracting this disease is very low.

**Key:** **R:** Scale of risk after mitigation/ control (r – m/c) **r:** Scale of Risk (L x C)

L: Likelihood of Hazard occurring		Scale	C: Consequence should the Hazard happen		Scale of Risk	Description	Action
Frequent	Likely to occur many times	5	Catastrophic	National impact / Loss of life Loss of Equipment	13 – 25	Unacceptable risk	Very high risk (19-25): Must be eliminated or moved to a lower level.
Probable	Likely to occur several times	4	Critical	Major accident / injury Damage to Equipment insurance claim			Significant risk (13-18): Approval must be sought before continuing
Occasional	Some times	3	Serious	Serious incident. Lost time injury Damage to Equipment	8 – 12	Undesirable risk	Must be avoided if reasonably practical. Seek approval to continue
Remote	Unlikely but possible	2	Marginal	First aid accident / minor damage to dinghy	3 – 7	Acceptable risk	Can be accepted, provided that the risk is managed
Improbable	Very unlikely / Assume never	1	Negligible	Very Minor. Little consequence	1 - 2	Negligible risk	No further consideration needed

Activity	Hazard	Whom Affected	L	C	r	R	Mitigation / Control	Responsible	
Sailing	Weather: 1. Thunder storm and Lightning	a. Sailors. Members and visitors b. Race control OOD's	a1 b1	3 3	5 5	<u>15</u> <u>15</u>		Unacceptable risk	Club Membership Visitors
Sailing	Waterborne disease and infection 1. Leptospirosis(Weil's) 2. Gastric infections, 3. Blood diseases. 4. Infection of open wounds. 5. Poisoning	a. Sailors. Members and visitors b. Race control OOD's	a1 b1 a2 b2 a3 b3 a4 b4 a5	2 2 3 2 2 2 2 2 1	4 4 3 3 3 3 3 3 4	8 8 <u>9</u> 6 6 6 6 6 4	7 7 7 4 6 6 6 6 4	All members of the BWSC are provided with on-line advice for water users and hygiene. (-1) Regular monitoring and baiting is undertaken around the harbour to control the rat population. (-1) Changes to the assessment of water quality are posted on the noticeboard at the top of the slipway if E.Coli above 5000 counts per 100 ml all persons should avoid using the water as	All persons taking to the water

Activity	Hazard	Whom Affected	L	C	r	R	Mitigation / Control	Responsible	
			b5	1	4	4	4	instructed by the Harbour Master. (-2) All cuts and abrasions should be covered with water proof dressing; if possible persons should not take to the water. All persons should keep the heads above water at all times. The Floating Harbour has been designated a no swimming area by the City Council.	
Sailing	Weather conditions. 1. Heat - Sunburn, Eye strain, De-hydration.  2. Cold water shock.  3. Extreme Low Temperature Hypothermia	a. Sailors. Members and visitors b. Race control OOD's	a1 b1 a2 b2 a3 b3	2 1 3 1 3 2	3 2 3 3 3 3	6 3 9 3 9 6	6 3 7 3 7 6	Members are advised to take personal protective measures in hot weather (baseball caps, T-shirts, sunglasses and sun block), and drinks. Members are encouraged to wear winter grade wetsuits or dry suits during the colder months of the year. (-2) OODs are aware of the signs of hyperthermia and hypothermia through the on-line OOD notes provided by the club. Club racing is cancelled if the water becomes iced or frozen.	Club Membership
Capsize, falling into deep water.	1. Drowning. 2. Sinking of dinghy	a. Sailors. Members and visitors b. Race control OOD's	a1 b1  a2 b2	2 2  2 1	5 5  3 3	10 10  6 3	8 8  4 4	<b>Recovery of persons takes priority over all other matters</b>  It is the responsibility of each individual club member to select and wear an appropriately fitting personal flotation device. (-2)  Dinghies must also make use of buoyancy tanks/bags if the design of the hull demands additional buoyancy. (-2)  Club race courses are set, supervised and controlled by three "Officer of the Day" (OOD) club members. At least one of the members on duty is an experienced sailor and powerboat	Club Membership Visitors

Activity	Hazard	Whom Affected	L	C	r	R	Mitigation / Control	Responsible	
							driver, able to decide upon an appropriate course for the prevailing conditions and to assist in recovery of a person's and dinghy in the event of a capsized. (-1)		
Collision	1. Commercial vessel 2. Race competitors 3. Other harbour users 4. Stationary objects	a. Sailors. Members and visitors	a1	2	4	8	7	Bristol Floating Harbour is a commercial harbour operated by Bristol City Council. All sailors to operate within the IRPCS. All members should be aware of the local rule of giving way to commercial vessels who are under passage within Bristol Harbour. Sailors at BWSC will be briefed by the OODs or race management on local hazards presented by activities on the quay side and traffic on the water via a pre-race briefing. (-1)	Sailors Helm and crew
			a2	3	3	9	7	All races shall be run under RYA rules where possible collisions will be avoided at all times. (-2)	
			a3	2	2	4	4	The Membership Secretary will induct new members into the hazards presented by traffic and topography on the water and ensure that New members will also be asked of their sailing experience and the OOD1 alerted to this if the helm has limited experience. (-1)	
			a4	2	3	6	6	It is the responsibility of the Helm of all dinghy's to make them self's aware of the course and topography of the floating harbour sailing area (-1) Club racing only takes place in the Floating Harbour with the Harbour Master's permission. This is assumed and is subject to compliance with instructions given by the Harbour Master.	
OOD	1. Use of power boat	a. Race control OOD's	a1	3	3	9	7	The club power boat shall be driven by an OOD (club membership) who can show an approved qualified or demonstrate	OOD

Activity	Hazard	Whom Affected	L	C	r	R	Mitigation / Control	Responsible	
			a1	3	3	9	7	experienced / knowledge (>5 years) (-2) <b>Recovery of a person in the water is from downwind with the engine switched off as per RYA instructions (-2)</b> <b>Wearing of an engine kill cord is mandatory for all power boat drivers (-2)</b>	
OOD	2. Drowning	a. Race control OOD's	a2	3	3	9	7	It is the responsibility of each individual OOD to select and wear an appropriately fitting personal flotation device while manning the power boat. (-2)	OOD
OOD	1. Change of weather conditions 2. Falling into harbour	a. Race control OOD's	a1	3	3	9	7	The Officer of the day (OOD1) may cancel all water activities in the event that weather conditions change without warning resulting in multiple capsizes, OODs are instructed to seek assistance from the Harbour Master's personnel. (-2)	OOD
			a2	2	3	6	6	Due to the close proximity of the race control on land, to deep water it is advisable to wear an appropriately fitting personal flotation device. (-1)	

**Note:**

*At the safety briefing the OOD1 must be made aware of all visiting sailors and minors. OOD1 must be introduced to the parent, guardian or person acting in loco parents of all minors.*

*All minors must have a parent, guardian or someone in loco parentis sailing in the same boat with them or on the quayside in contact with the OOD"1"*  
*It is the responsibility of members to inform the OOD"1" that a minor is sailing with them, even if the child is their own.*

*Safeguarding vulnerable adults, is covered by Baltic Wharf Sailing Club Adult safeguarding policy*