



On the Water Risk Assessment June 2023

	Date	Author/Revision	Reason

Chesil Sailability Risk Assessment



0Version			
2	14 March 2019	MTF/KL	Cyclical Revision
3	20 January 2020	DG	Annual Review
4	8 May 2021	KL	Annual Review
5	24 June 2023	KL	Annual Review

Related Documents

Document	Description

Document Reviewers

Date	Name	Title	Signature
14 March 2019	Kirsty Lydeard	Secretary	<i>Kirsty Lydeard</i>
20 January 2020	David Griffith	Chair	<i>David Griffith</i>
8 May 2021	Kirsty Lydeard	Secretary	<i>Kirsty Lydeard</i>
24 June	Kirsty Lydeard	Secretary	<i>Kirsty Lydeard</i>

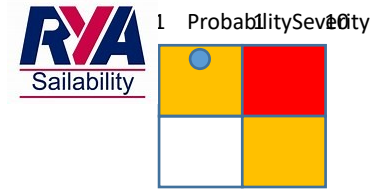
Document Approvers

Date	Name	Title	Signature
18 March 2019	David Griffith	Chair	<i>David Griffith</i>
20 January 2020	David Griffith	Chair	<i>David Griffith</i>
8 th May 2021	David Griffith	Chair	<i>David Griffith</i>

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24 June 2023	Hugh de longh	Trustee	
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Risk Assessment for the use of the water

This Risk Assessment is for use by **Chesil Sailability** in the assessment of hazards and mitigation action relating to the **use of the water at WPNSA**. This risk assessment was undertaken on 01/04/2014 revised on 14.03.2019 and is subject to annual review . Items marked ****** are specific to water based sailing sessions.

Ref	Risk/Hazard	Risk Group	Controls	Additional Action	Status	Reviewed (Yes)
1	<p>Drowning</p> <p>Participants are at risk of drowning if they enter the water eg capsize, man overboard</p> <p>Risk of entrapment in overturned boat.</p> <p>Risk is increased if they are unconscious.</p> <p>Risk increased if water/weather cold.</p>	<p>Participants</p> <p>Volunteers</p> <p>Coaches</p> <p>Carers</p>	<p>All participants, instructors etc. to wear suitable life jackets/buoyancy aids in line with Chesil Sailability's policy.</p> <p>DO appointed for each and every water based session.</p> <p>Sailing boat to safety boat ratios to be maintained.</p> <p>No launching of sailing boats until adequate safety cover is available and DO confirmed.</p> <p>DO can prevent a person or boat sailing if they believe it is unsafe to do so.</p> <p>All volunteers to understand roles.</p> <p>Boats to sail in designated sailing areas only to ensure proximity to safety boats.</p> <p>Safety boats to carry suitable safety equipment.</p> <p>VHF Radio Monitored ashore for all sessions.</p> <p>Review weather forecasts.</p> <p>Emergency telephone available and working.</p>	<p>Safety briefing to be given to all volunteers and participants.</p>		<p>YES</p> <p>18.04.19</p> <p>DG/KL</p> <p>08.05.21</p> <p>DG/KL</p> <p>24.06.23</p> <p>KL/Hdel</p>



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Ref	Risk/Hazard	Risk Group	Controls	Additional Action	1 Probability 2 Severity	Status	Reviewed (Yes)
			All safety boats, to carry suitable safety equipment e.g. Chesil Sailability Issue Safety Pack. Chesil Sailability Issue Safety Equipment in Pontoon box				
2	Hypothermia Participants are at risk from hypothermia from immersion in cold water or subject to cold air temperatures. Risk increased through inadequate clothing, extended periods of immersion in water, time of year. Risk increased as participants become more tired. Risk increased with accessible sailing criteria.	Participants Volunteers Coaches Carers	Appropriate clothing to be worn by participants including thermals. All participants to wear suitable clothing e.g. waterproofs and NO jeans. Suitable First Aid cover to be in place. All participants clothing to be checked prior to going afloat. Warm showers to be available at all times (prevention and not for treatment). Regular breaks. Supply of warm drinks and food. Those suspected of suffering hypothermia to be removed from the water immediately. Safety boats will be able to attend a capsize promptly, as all sailing boats will be sailing in designated area. Chesil Sailability anemometer has air temperature measure.	Safety briefing to be given to all volunteers. Review and check volunteer roles and responsibilities. Review weather forecast.			YES 18.04.19 DG/KL 08.05.21 DG/KL 24.06.23 KL/Hdel
3	Hyperthermia (heat stroke) Participants at risk from hyperthermia from exposure to heat in very hot weather. Risk of Sunburn	Participants Volunteers Coaches Carers	All participants to wear suitable clothing. Suitable First Aid cover to be in place. All participants clothing to be checked prior to going afloat. All participants to be advised to wear suitable sunscreen. Cool showers to be available at all times.				



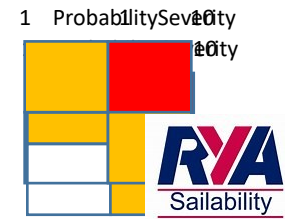
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Ref	Risk/Hazard	Risk Group	Controls	Additional Action	Status	Reviewed (Yes)
			Regular breaks. Supply of cool fluids. (CONT) Those suspected of suffering hyperthermia to be removed from the water immediately.			
4	<p>General Injuries Participants may be injured embarking or disembarking, by boom, by equipment breakage or collision. There is a risk if slippage or tripping on pontoons, slipways and in the dinghy parks. Risk of cut feet from sharp objects</p> <p>Note: at times ramps are more slippery due to moss and algae build up.</p>	<p>Participants Volunteers Coaches Carers</p>	<p>All boats and equipment in use to be inspected prior to start of session. All safety boats and cabin First Aid kits in place. All boats to be checked by volunteers prior to taking to water (sail and rescue). All boats to sail in designated sailing areas only, to ensure proximity to safety boats. Children to be supervised at all times. Participants to be warned about the hazards and these should be re-enforced a suitable times. Reduced sail area to be provided in windy conditions. As dictated in Chesil Sailability reefing guidance. Suitable footwear to be worn at all times. Pontoons and slipways to be regularly inspected. Maintained and kept, as far as possible, free from weed – WPNSA DO end of session debrief includes injury and damage reports including ‘Near Miss’ debrief points collated and reviewed by Trustees. All persons who receive a strike on their head will be seen by a First Aider. Serious and minor injuries will be dealt with</p>	<p>Safety briefing to be given to all participants. Accident records to be kept under review to identify trends and common causes.</p>		<p>YES 18.04.19 DG/KL 08.05.21 DG/KL 24.06.23 KL/Hdel</p>



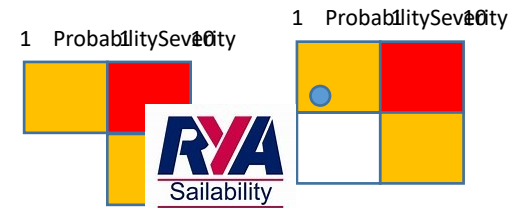
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Ref	Risk/Hazard	Risk Group	Controls	Additional Action	Status	Reviewed (Yes)
5	<p>Fire (Outboard equipped vessel only) Participants may be injured by fire on an outboard equipped vessel.</p>	Participants Volunteers Coaches Carers	<p>in accordance with CS Emergency Action Plan (EAP)</p> <p>Smoking in, or whilst refueling outboard equipped vessel is forbidden. Only the necessary amount of fuel to be carried. Any fuel spills to be cleared up. Spill kit to be available whilst refueling. All outboard equipped vessels to carry a suitable fire extinguisher. Adequate First Aid cover to be in place at all times. Fuel to be appropriately stored. In the event of a fire all boats to make for the shore until control is re-established. Fuel tanks shall be removed from boats prior to refilling. WPNSA is a Non-Smoking Venue (except for designated area)</p>	Annual briefing of all volunteers.	●	<p>YES 18.04.19 DG/KL 08.05.21 DG/KL 24.06.23 KL/Hdel</p>
6	<p>Underwater Obstructions Participants could be injured by hitting underwater obstructions.</p>	Participants Volunteers Coaches Carers	<p>Sailing area risk assessed at least annually. Sailing area set to avoid known obstructions. All participants briefed on designated sailing areas. Jumping/swimming from jetties, pontoons and boats is not allowed.</p>	Safety briefing to be given to all participants.	●	<p>YES 18.04.19 DG/KL 08.05.21 DG/KL 24.06.23 KL/Hdel</p>



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7	<p>Safety boats The safety boat or it's propeller may injure participants.</p>	<p>Participants Volunteers Coaches Carers</p>	<p>Only suitably qualified/competent safety boat helms should be allowed to drive the safety boat. Safety boat ratios maintained at all times. Safety boat helms briefed on their roles and responsibilities. Kill cords to be used at all times. Engines to be turned off when near individuals in the water. Safety boats to be crewed. (i.e. qualified helm and at least one competent helper), Suitable First Aid cover to be in place. All safety boats, to carry suitable safety equipment e.g. Chesil Sailability Issue Safety Pack</p>	<p>Continuous training of a suitable number of volunteers RYA Safety Boat standard.</p>		<p>YES 18.04.19 DG/KL 08.05.21 DG/KL 24.06.23 KL/Hdel</p>
8	<p>Multiple Capsize Situations Due to sudden increases in wind, inexperience or the actions of other water users, a number of sail boats capsize at the same time.</p>	<p>Participants Volunteers Coaches Carers</p>	<p>All volunteers are suitably trained for the role they are to perform. All boats to sail in designated sailing areas only to ensure proximity to safety boats. People in the water deemed to be at serious risk are to be removed from the water immediately. (boats abandoned) All boats and individuals are recorded, either by tally/sign in/sign out system. All sailboats to return to shore and await further instruction when the situation has been brought under control. The Chesil Sailability fleet has been selected to be of a type less likely to</p>	<p>Safety briefing for all volunteers.</p>		<p>YES 18.04.19 DG/KL 08.05.21 DG/KL 24.06.23 KL/Hdel</p>



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1 ProbabilitySeverity



Ref	Risk/Hazard	Risk Group	Controls	Additional Action	Status	Reviewed (Yes)
			<p>capsize (Keels not Centerboards) in</p> <p>(CONT)</p> <p>conditions set out in Chesil Sailability operating conditions. (see Operations Manual.</p> <p>Multiple capsizes will be dealt with in accordance with CS Emergency Action Plan (EAP)</p>			
9	<p>Child and Adult Protection</p> <p>Children and adults may be at risk from physical, emotional or sexual abuse from adults. Adults may be falsely accused of abuse by children. Children may be bullied by other children.</p>	<p>Participants</p> <p>Volunteers</p> <p>Coaches</p> <p>Carers</p>	<p>Chesil Sailability Anti-bullying, Child and Vulnerable Adult Protection policies shall be adhered to at all times.</p> <p>All volunteers will undergo DBS check.</p> <p>DBS paperwork to be completed at start of membership process.</p> <p>Welfare Officers will make DO aware of any volunteer has not started DBS process within 5 sessions of start of volunteering.</p> <p>Volunteers who have applied for DBS clearance will not be allowed to skipper a Hansa dinghy with a child or vulnerable person on board.</p> <p>Chesil Sailability has an appointed Welfare Officer to whom all incidents should be reported.</p>			<p>YES</p> <p>18.04.19</p> <p>DG/KL</p> <p>08.05.21</p> <p>DG/KL</p> <p>24.06.23</p> <p>KL/Hdel</p>



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10	<p>Pontoons</p> <p>Participants are at risk of falling into the water, may be injured during boat handling on arrival/departure or during embarkation /disembarkation or from tripping hazards</p> <p>Boats may be damaged whilst approaching, arriving at or leaving the pontoon</p>	<p>Participants Volunteers Coaches Carers</p>	<p>All volunteers are suitably trained for the role they are to perform.**</p> <p>All volunteers and sailors will wear a BA or lifejacket on the pontoons</p> <p>No wheelchair users are to be strapped into their wheelchairs whilst on the ramp or pontoons</p> <p>SAFETY ANY participant on the pontoon may shout 'STOP' if they see something that may be dangerous happening.</p> <p>If someone falls into the water, ways of getting them back onto the pontoons, in order are:</p> <ul style="list-style-type: none"> • person in water, if able to swim, swim to pontoon ladder and climb back onto pontoon • person in water, if unable to swim, to be brought to pontoon ladder with use of throwline (located in Pontoon Box) • person in water, if unable to use ladder, to be brought back on to pontoon using the hoist and helicopter slings (located in Pontoon Box) 	<p>Safety briefing to be given to all participants.**</p>		<p>Yes Section added 24/06/23 KL /Hdel</p>
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			<ul style="list-style-type: none"> • person in the water, if unable to do the above, or in emergency, to be recovered by the nearest Safety Boat <p>Pontoon Lead :</p> <ul style="list-style-type: none"> • will ensure pontoons are ready for use prior to the start of sailing. Check fendering, availability of pontoon box containing necessary equipment, ensure tripping hazards are removed or secured and there is full unobstructed wheelchair access • will standback from main operations in order to have a clear overview and will not become involved in operations unless required to do so due to emergency or shortage of pontoon volunteers • will direct boats, through radio or visual contact to a position on the pontoon from which to embark/disembark, according to the needs of the sailors. This may require boats sailing in the basin until there is suitable space on the pontoon • will advise Hoist teams as to which boats will be embarking and disembarking from their hoist as the session progresses • will ensure wheelchairs, walking sticks etc remaining on pontoon are secured 			
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			<p>and do not interfere with main operations</p> <ul style="list-style-type: none"> Will keep an eye on other Pontoon users, and ensure there is always safe passage for sailors and volunteers along the pontoons to the ramp. 			
11	<p>Hoisting</p> <p>Participants are at risk of falling into the water, may be injured during hoisting procedure</p>	<p>Participants Volunteers Coaches Carers</p>	<p>All volunteers are suitably trained for the role they are to perform.</p> <p>SAFETY ANY participant on the pontoon may shout 'STOP' if they see something that may be dangerous happening.</p> <p>All hoisting will take place under the overall supervision of the pontoon lead with a safety boat having a sight line on the hoisting in case needed to help</p> <p>Hoisting Procedure Hoist leads will direct their team, liaising with team members, skippers and sailor/carer during the procedure.</p> <p>Whenever possible the sailor/carer will be consulted as to the current position and fitting of the sling to ensure sailor feels safe and comfortable</p> <p>Boat needs to be positioned appropriately alongside the pontoon so hoist chain/spreader bar is vertical when</p>	<p>Safety briefing to be given to all participants.</p>		<p>Yes Section added 24/06/23 KL/Hdel</p>

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			<p>loaded. Also to be positioned so that the shrouds don't impend hoisting, and the mainsail/boom is out of the way.</p> <p>The sailor in their wheelchair should be parallel to the pontoon edge, facing the hoist, to avoid risk of wheelchair heading towards pontoon edge.</p> <p>Appropriate loops on sling should be attached to spreader bar to ensure sailor is kept in desired position. Sailor or carer may be able to advise which loops to use, or loops may be indicated with tags</p> <p>Sailors should be advised as to the commencement of each stage of the hoisting procedure</p> <p>Once sailor weight has been taken up by hoist arm, STOP and CHECK fitting of sling to ensure seat is in correct position. Particularly important on hoisting out, to ensure sling has not slipped</p> <p>Once sailor is lifted clear of the wheelchair and it is removed, the sailor should be lowered towards the pontoon deck, as far is comfortable and then swung out over the boat seat and lowered in, slowly. Reversed, when hoisted out. This reduces the impact of any sudden fall and helps the sailor to</p>		
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			<p>feel less exposed</p> <p>Hoist leads need to be mindful of risk of minor head injury to sailor from spreader bar position. Sailor/carer or volunteer to be directed to control movement of spreader bar</p> <p>Hoist leads needs to be mindful of risk of minor injury to volunteer from end position of hoist arm, particularly when bending to reattach sling loops for hoisting out</p> <p>Operation of hoist Appropriate handles should be fitted and used for rotation and raising of hoist and hoist arm</p> <p>Apart from when lowering, control lever on hoist valve should remain in RAISE position to prevent accidental lowering of arm, particularly when loaded.</p> <p>Hoist arm should be lowered to pontoon level and spreader bar positioned to prevent trip hazard, when hoisting is not taking place</p> <p>Covers should be replaced once session is completed to avoid weather/accidental</p>			
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