

RISK ASSESSMENT RECORD

Solent Radio Control Model Boat Club(Scale Section of the Solent RCMYC)
Scale Models

Date: 16 October 2012

Reviewed 15 April 2015

Names of Assessors: David McNair-Taylor

Reviewed 20 January 2016 – Risks involving
Hovercraft added

Graham Coombs

<u>Area of concern</u>	<u>Hazards Found</u>	<u>Precautions already taken</u>	Risk Level			
			S	L	P	<u>Measures to reduce or Eliminate Risk</u>
SLIPS, TRIPS AND FALLS.	Slipping / tripping / falling risks caused by the state of the lakeside, uneven surfaces, such as, steep or wet banks and debris. Tripping over wooden parking barriers	Members are made aware of the risks and those areas around the lake where the risks are greater.	3	2	L	In the event of high risks, members should be prepared to organise a safe area to operate from. Having put the appropriate precautions in place, including highlighting any risks to the operators, nominated members should be used to steward and advise spectators of this risk as and when necessary. Care should be exercised when crossing the parking barriers especially if carrying a model to the water
DROWNING.	The depth of water at Setley is sufficient for drowning to occur.	Members are requested to make themselves familiar with the high risk areas around the lake and to be aware of the dangers, especially as these areas can be affected and change as the water depth changes throughout the year.	5	2	M/ L	The club will provide a throwing lifeline on club days for members to use in the event of persons getting into difficulty. A member retrieving a model should make other members aware that he / she is doing so, so that they can make sure he / she remains safe at all time.
THE RISK OF INJURY BY ROTATING PROPELLER/S.	This risk applies to any motorised boat, with fast boats posing a higher threat. This risk should always be brought to the attention of other participants and spectators.	Solent RCMBC members should keep third parties and spectators well away from models when preparing them at the lakeside, or on adjacent solid ground.	2	2	L	Solent RCMBC members should continue to keep third parties and spectators well away from models when preparing them at the lakeside, or on adjacent solid ground. When operating fast boats members should be aware of possible spectator injury caused by running boats aground. at high speed

<p>INJURIES TO EYES BY TRANSMITTER AERIALS / DUST.</p>	<p>Eye damage due to telescopic aerials</p>	<p>It is a club rule that all transmitters with telescopic aerials must have a device fitted to the top of the aerial to reduce the risk of eye injury, (<i>i.e. a practice golf ball, foam ball, or some such other device</i>).</p>	<p>4</p>	<p>2</p>	<p>L</p>	<p>Any member or person using a transmitter without the relevant aerial protection will be asked to fit the protection immediately, or to stop using that transmitter.</p>
<p>RISK OF WATER BORN DISEASE.</p>	<p>Damage to eyes due to dust.</p>	<p>Members operating hovercraft on solid ground are asked to ensure that if any dust is being created, it is not putting any other members, spectators, or member of the public, at risk of an eye injury cause by dust.</p>	<p>3</p>	<p>2</p>	<p>L</p>	<p>If it is felt that a member using a hovercraft is putting other members, spectators, or members of the public at risk, they will be asked to stop operating that model. Hovercraft should only be operated in the area designated by club rules. NOT TO BE OPERATED IN THE CAR PARK Club rules for hovercraft operation to be followed.</p>
<p>RISK OF INJURY FROM RE-CHARGEABLE BATTERIES.</p>	<p>Stomach problems, such as pain, sickness, diarrhoea.</p>	<p>This has been evaluated as a low risk based on past experience. Members are made aware of the dangers with still or stagnant water where animals are present.</p>	<p>3</p>	<p>2</p>	<p>L</p>	<p>It is pointed out to members the need for personal hygiene at all times and suitable hand protection should be used if applicable. Previously this risk has been assessed as low or less, but due to the wildlife and ponies using the pond this does not mean it should be ignored. Swimming in the pond is discouraged unless it is an emergency.</p>
<p>RISK OF INJURY FROM RE-CHARGEABLE BATTERIES.</p>	<p>Fire / explosion.</p>	<p>Members must ensure that batteries are charged in a suitable manner, taking the precautions appropriate to the cell technology in use. The conditions for charging prevailing at each event are evaluated (<i>e.g. dry or damp</i>).</p>	<p>3</p>	<p>2</p>	<p>M/ L</p>	<p>New technologies must be subject to a full risk assessment before their use is permitted. Separate assessments must be made for operational use within a boat and charging in the display area. The risk of injury while the battery is within a running boat is usually low while the boat is in the lake, but the risk when a boat comes ashore must be considered. Members should ensure that batteries are charged in a suitable manner with precautions appropriate to the cell technology in use.</p>

RISK OF RADIO FREQUENCY CLASH.	Risk of crashes, etc.	When required the club will ensure that frequencies are controlled by the use of a “Peg Board” or similar system. The appropriate frequency pennants (pegs) must be fitted on the aerials of all 27 and 40MHz transmitters, while in use throughout a club event.	1	1	L	The existing frequency controls to be continued and monitored.
RISK OF EXPLOSION / FIRE / SCOLDING.	The use of steam propelled models with gas cylinders.	The club will ensure that:- a -Any models using steam for propulsion will hold the current relevant test certificate. b- Gas cylinders are changed in line with the supplier’s instructions and away from all sources of ignition. c- When gas cylinder are being installed, change, or charged this must be done in an area away from cars / people and sources of ignition.	4	2	L	The club will ensure that current practice is continued. <i>(If the number of steam propelled models increase within the club, then the risk will need to be reassessed, as it may become a medium risk).</i>
OPERATING MODEL HOVERCRAFT, CARS AND OTHER LAND BASED MODELS.	Risk of injury due to “out of control model”	None known	2	2	L	Members operating Hovercraft must comply with the club rules applicable to these craft. Any of these models should only be operated in a safe area, where there is no risk of injury to other club members, spectators and members of the public. These models should not be driven in the presence of, or near any animals, horse riders, etc, which in turn could be startle that animal/s and thereby cause the risk of injury to another club members, spectators, or members of the public.
	Noise Levels		3	2		In order to comply with our Forestry Commission Permit and

SPECTATOR SAFETY	<p>Generation of Dust</p> <p>Various injuries that can be cause during to the preparing and operation of models.</p>	<p>Members are told to be aware of the higher risk of various injuries', trips, slips and falls from boats being prepared at the waterside / car park area with spectators present and to issue cautions / warnings as required.</p>	4	2	M/ L	<p>to keep noise levels to a minimum <u>ONLY ONE HOVERCRAFT IS TO BE OPERATED AT ANY TIME.</u></p> <p>Other models must be operated in a way that keeps the noise to an acceptable level.</p> <p>Whilst it is not the Clubs intention to prevent spectators examining the models, members are told to be aware of the higher risk injury when spectators are present, especially children, when models are being prepared on the waterside or in the car park area and to issue warnings as when necessary..</p> <p>Any increased risks should be pointed out to a member of the Committee, so that action can be taken to remedy, or control the risk.</p>
VEHICLE MOVEMENTS	<p>Injury due to moving vehicles</p>	<p>At busy times there can be a several vehicle movements, involving not only club members, but also spectators and members of the public. When this is occurring, extra care is needed when arriving, leaving, or moving vehicles, especially if children are present.</p>	5	2	M/ L	<p>Vehicle movements to be monitored.</p> <p>Any concerns or problems need to be raised with the National Park Authority.</p>

Risk Level: - S = Severity (1-5), L = Likelihood (1-5), P = Priority (L, M, H,)