

# SLSA Example Special Event Risk Matrix



Hazard category	Hazard	Risk	Likelihood	Impact	Rating	Example control measure	Person(s) Responsible	Due Date
Environmental	Undulating sand at shore break	Swimmer injured during the start and finish leg of a race	Possible	Medium	H13	Advise all competitors to take care at critical points on the course. Adequate water safety.	Water safety officer Event manager First aid officer	On the day
	Adverse weather conditions	Cold related illness	Possible	Minor	M8	Cancel or relocate the event. Follow advice on BOM website.	Water safety officer Event manager Referee	Lead up and on the day
	Poor water quality	Serious illness	Unlikely	Minor	L5	Cancel or relocate the event. Check with Council Environmental Officers	Event manager Council	Lead up days
	Dangerous surf	Spinal injury	Possible	Minor	L5	Cancel or relocate the event. Alter course and event schedule to reduce risk. Limit age groups. Follow advice on BOM website.	Water safety officer Event Manager Referee	Lead up and on the day
Physical	Surf Ski	Drowning after collision	Unlikely	Extreme	H19	Inform competitors about the dangers involved. Adequate Water Safety. Task-specific and awareness training.	Water safety officer Event manager First aid officer	Lead up and on the day
	Objects in front of marquee entry	Serious injury from slip, trip or fall	Possible	Medium	H13	Remove any obstructions	All members	Date of Event
	Incorrect race distances	Reputation of the club/organisation tainted	Possible	Minor	M8	Make GPS checks and properly secure buoys.	Referee Event manager	Race day
	Vessel enters race course	Swimmer injured during the swim leg of a race	Unlikely	Minor	L5	Water safety to contact and shepherd swimmers.	Water safety	Race day
	Beach flags	Injury from colliding members. Injury from fall to grab flags	Possible	Insignificant	L4	Inform competitors about the dangers involved. Task-specific and awareness training.	Event Manager	Lead up and on the day
	Low water safety ratio	Inadequate water safety	Possible	Insignificant	L4	Seek additional resources. Increase the number of swim waves. Stagger the start.	Referee	On the day
	IRB breakdown	Inadequate water safety	Unlikely	Insignificant	L2	Alert other water safety. Postpone the start of the event or swim waves	Water safety officer Event manager	On the day
	Course buoys move during race	Injury when swimmers collide or enter dangerous surf areas	Unlikely	Insignificant	L2	Water safety to rectify if possible while not interfering with other swimmers. Check correct anchors for conditions post event.	Water safety Host club	Race day
Behavioural	Delay in publishing or incorrect results	Reputation of the club/organisation tainted	Unlikely	Insignificant	L2	Ocean swim coordinator to contact club and offer assistance. Publish apology	Host club Event coordinator	Post-race

# SLSA Example Special Event Risk Matrix



DESCRIPTOR		DESCRIPTION
<b>LIKELIHOOD</b>		
A	Almost certain	<ul style="list-style-type: none"> <li>Will probably occur more than once</li> <li>A 100% chance of occurrence</li> <li>Common or frequent occurrence</li> <li>Is expected to occur in most circumstances</li> </ul>
B	Likely	<ul style="list-style-type: none"> <li>High probability that will occur at least once</li> <li>A 1 in 10 chance of occurrence (10%)</li> <li>Likely to occur or 'has happened to us a number of times in the past'</li> <li>Might occur in a 2-3 year time frame</li> </ul>
C	Possible	<ul style="list-style-type: none"> <li>Reasonable likelihood that could occur more than once</li> <li>A 1 in 100 chance of occurrence (1%)</li> <li>Could occur or 'I've heard of it happening elsewhere'</li> <li>Might occur in a 5 year time frame</li> </ul>
D	Unlikely	<ul style="list-style-type: none"> <li>May occur once or less</li> <li>A 1 in 1,000 chance of occurrence (0.1%)</li> <li>Not likely to occur</li> <li>Might occur in a 10 year time frame</li> </ul>
E	Rare	<ul style="list-style-type: none"> <li>May occur in exceptional circumstances</li> <li>Practically impossible</li> <li>A 1 in 10,000 chance of occurrence (0.01%)</li> <li>Could happen but probably never will</li> </ul>
<b>IMPACT</b>		
5	Extreme	A risk that can prove detrimental for the whole organisation.
4	High	Risks which can significantly jeopardise some aspects of the organisation, but which will not result in organisational failure.
3	Medium	Risks which will cause some problems, but nothing too significant.
2	Minor	Any risks which will have just a mild impact but should be addressed in time.
1	Insignificant	Risks which do not pose any significant threat, and which can be left unmediated without any fear.

		IMPACT					
		Insignificant	Minor	Medium	High	Extreme	
		1	2	3	4	5	
LIKELIHOOD	Almost certain	A	M11	H16	H20	E23	E25
	Likely	B	L7	M12	H17	E21	E24
	Possible	C	L4	M8	H13	H18	E22
	Unlikely	D	L2	L5	M9	H14	H19
	Rare	E	L1	L3	L6	M10	M15

RISK LEVELS AND APPROPRIATE ACTION	
Risk level	Appropriate action
<b>EXTREME</b>	Intolerable level of risk. Activity should be discontinued until level of risk is able to be reduced. Executive committee/ board to be informed and provide urgent attention.
<b>HIGH</b>	Tolerable level of risk. Action should be taken to ensure risk level is as low as reasonably practicable (ALARP). If level of risk is ALARP, continue to manage using SLSA WHS risk management framework.
<b>MODERATE</b>	Tolerable level of risk. Ensure risk level is as low as reasonably practicable (ALARP). If level of risk is ALARP continue to manage using standard operating procedures, WHS codes of practice, intuitive risk management.
<b>LOW</b>	Tolerable level of risk. No change required. Monitor and review control measures.