



Marine Stinger Risk Assessment Form

Beach Location: _____ Date: _____

Time: _____ Conducted by: _____

Hazards/Factors in considering likelihood of marine stinger presence		Likelihood Score		Risk Score
1	Is the beach in a location subject to marine stingers (e.g. Tropical Qld or Northern Australia)?	No (+0)	Yes X (+1)	1
2.	Is this within a particular time that stingers are more likely to be present (November – May inclusive)?	No (+0)	Yes (+1)	
3.	Are the waters and/or weather conditions ** such that stingers would be more prevalent?	No (+0)	Yes (+1)	
Conditions:				
4.	Are the following being caught: salps in Irukandji drags or Acetes prawns?	No (+0)	Yes (+1)	
5.	Has there been a positive sighting/sting at this location in the last 12 hours	No (+0)	Yes (+5)	
6.	Has there been a positive sighting / sting at this location in the last 24 hours?	No (+0)	Yes (+3)	
		Likelihood Score		

** Conditions indicative of stingers include: smooth/calm waters, warm temperatures, onshore currents, mild north-easterly breeze

Risk Assessment

Likelihood Rare (1 - Very low) Unlikely (2 - Low) Possible (3 - moderate)
 Likely (4 - High) Almost Certain (5 - Very high)

Implementation and Review of Control Plan based on Likelihood score (Marine Stinger Risk Assessment Guidelines)

Activity: Surf Sports, Training Etc.

Control plan implemented	Review Time	New control plan needed	Review time	New control plan needed	Review time	New control plan needed	Review time
Yes No		Yes No		Yes No		Yes No	

Comments:

Activity: Patrol Operations, Public recreational aquatic activities

Control plan implemented	Review Time	New control plan needed	Review time	New control plan needed	Review time	New control plan needed	Review time
Yes No		Yes No		Yes No		Yes No	

Comments:



Surf sports/ Competition/ Training/ Special Event(s)	
Risk	Adopted control measures
Very Low	Water Safety Monitoring - Observation
Low	Water Safety - wearing protective clothing recommended Monitoring - observation - Net drags prior to first water event - Net drags every 4 hours
Moderate	Water Safety - Full protective clothing Monitoring (pre-event) - 7 days immediately prior Monitoring - Observation - Net drags prior to first water event - Net drags every 2 hours - Net drags within one hour before and one hour after tide change
High	Full protective clothing must be worn by all people in the water Competition or training inside stinger resistant enclosures when possible Option to close beach at discretion of safety committee
Very High	No competition or training authorised

For full explanations refer to Marine Stinger Risk Management Guidelines

Public recreational aquatic activities				
Risk	Action/monitoring	Adopted control measures	Signage	Advice to swimmers
Very Low	Lifesaving Service Provision Observation	Monitoring - Observation	Yellow Caution Flag	Like any other wild animal, marine stingers are unpredictable, and therefore, there is always some risk, the weather and conditions today are not typical for the presence of jellyfish Box jellyfish and <i>Irukandji</i> 's are more common when the weather is warmer and the waters are calmer.
Low	Lifesaving Service Provision Observation Net drags every four hours	wearing protective clothing recommended	Yellow caution flag	Refer to Marine Stinger Risk Management Guidelines
Moderate	Lifesaving Service Provision Observation Net drags every two hours	Protective clothing Must be worn by at least one patrolling member and for any member in the water.	Yellow caution flag with "Marine Stingers" diamond "No swimming" signs outside Enclosures (if deployed)	Weather conditions today are not typical for the presence of marine stingers, however it is still peak stinger season and therefore there is a moderate risk We are continuing to monitor the water to detect if marine stingers arrive Surf Life Saving recommends a full-body lycra suit; it covers 75-80% of the body's skin surface, and gives great protection from UV rays as well.
High	Lifesaving Service Provision Observation Net drags hourly If no enclosure beach MUST be closed	Protective clothing Must be worn by at least one patrolling member and for any member in an aquatic environment	Yellow caution flag with "Marine Stingers" diamond "No swimming" signs outside Enclosures	Refer to Marine Stinger Risk Management Guidelines
Very High	Lifesaving Service Provision Observation No net drags for 24hours	Full protective clothing include booties and gloves must be worn in an aquatic environment. Only enter water for rescue or drag purposes.	Red "Closed Beach" with "Marine Stinger" Diamond "No swimming signs" outside enclosures	Refer to Marine Stinger Risk Management Guidelines