



## Risk Assessment

### Great Tyne Row - 20 September 2014 - Risk Assessment - last reviewed 05-09-14

Methodology – Hazards have been considered based on the nature of the event and expected conditions. Risks have been assessed using the classification table:

RISK	SEVERITY		
	Low	Medium	High
Unlikely	1	2	3
Fairly Likely	2	4	6
Very Likely	3	6	9

Risks scoring 1 or 2 are deemed acceptable (highlighted in green). Those risks with scores of 3 or 4 (yellow) are acceptable with mitigation. Any risks with scores of 6 or 9 (red) are unacceptable and measures to reduce that risk to an acceptable level (yellow or green) are needed.

Hazard	Risk	Initial Assessment	Control Measures/Mitigation	Final Assessment
<b>Travel</b>	Road accident	N/A	Participants own responsibility before and after event	N/A
		1	Official support cars with experienced drivers (25 years age min)	1
<b>Hospitality</b>	BBQ fire/burns	2	BBQ area on stable ground & protected area Fire extinguishers on site at Tynemouth Rowing Club First aiders on site	2
	Injury/Illness of Spectator	1	First aiders on site	1
<b>Boat Handling</b>	Muscular strains/pains	2	Participants are experienced in boat handling Assistance is available at Tyne, Tyne United and Tynemouth Rowing Clubs	2
	Falling on launch steps	2	Boating areas are at established rowing clubs with help available Participants instructed to wear appropriate footwear on steps	2
	Cuts/grazes on sharp objects	2	First aiders stationed at Tynemouth RC First Aid kits available at Tyne & Tyne United RC	2



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<b>Boating/Navigational accident</b>	Collision between participating crafts	1	Crews and coxswains are experienced therefore risk is low All crews must have a coxswain to steer and navigate the course Speed at any impact is likely to be low therefore low risk of damage Boat design is robust and not easily damaged Capsize or sinking considered unlikely given design of boats being used	1
	Collision with other craft (including event launches, pleasure craft and commercial craft)	2	Crews and coxswains are experienced therefore risk is low All crews must have a coxswain to steer and navigate the course Marshalling and safety launches manned by experienced drivers Event Control or Safety Adviser able to request police or other assistance should pleasure craft be interfering with event Event Control and Safety Adviser in contact with Port of Tyne to ensure boats avoid any commercial boating activity Port of Tyne boat on station ahead of first craft	2
	Collision with structure	2	Crews and coxswains are experienced therefore risk is low All crews must have a coxswain to steer and navigate the course All crew members to attend safety briefing prior to event All crews to carry detailed navigational instructions Safely launch (SL4) positioned at approach to Swing Bridge (most significant risk)	2
	Grounding	1	Event taking place at high tide therefore water conditions such that likelihood low and damage would be minimal in any case	1
	Accident while entering or exiting boat	2	Boating areas are at established rowing clubs Participants experienced at entering and exiting boats	2



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	Swamping by wash	2	Boat design is such that they are not easily prone to swamping On the advice of the Port of Tyne, safety launches available to hold up participating boats to avoid commercial boating activity	2
<b>Equipment failure</b>	Broken blade	2	All blades checked for defects prior to boating Stable quad boats are able to continue with only 3 crew members (6 blades)	2
	Damage to rigger/gate	1	Robust and unlikely to break All boats checked for defects prior to boating	1
	Damage/loss of rudder	1	Can proceed using oars to steer boat	1
	Mechanical malfunction with marshalling/safety launch	2	All launches checked for ample supplies and defects prior to boating Marshalling and safety launches manned by experienced drivers Ample number of marshalling and safety launches available to lend assistance	2
	General boat equipment (foot plate / heel restraints / slides) malfunction	2	All boats checked and approved by marshals for defects prior to boating.	2
	Malfunction with primary communications	1	All safety launches to have two mobile phones and those downstream of city centre to have also VHF radio All rowing crews required to carry two mobile phones All numbers to be registered with Event Control VHF and mobile phone batteries to be fully charged	1
<b>Minor Injuries</b>	Blisters & sores	2	First aiders stationed at Tynemouth RC Participants instructed to protect hands with tape or gloves if sensitive	2
	Muscular strains/pains	3	First aiders stationed at Tynemouth RC & Safety Launches	3
<b>Medical Emergencies</b>	Extreme exhaustion	2	Distance reasonable in respect to age, experience and weather expected, but forecasts to be monitored and further advice given if necessary Stable quad boats are able to continue with only 3 crew members (6 blades)	2



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	Serious illness	2	Condition of entry includes declaration of any known health conditions and allowed for beforehand Emergency situations to be reported by mobile phone to Event Control or by flagging the attention of nearby safety launch Emergency response to be coordinated by Event Control with Safety Adviser following the procedures set out in the safety and emergency plan	2
	Boating accident with casualties	2	Emergency situations to be reported by mobile phone to Event Coordinator or by flagging the attention of nearby safety launch All participants to have undergone British Rowing capsizing training Emergency response to be coordinated by Event control with Safety Adviser and following the procedures set out in the safety and emergency plan	2
<b>Weather &amp; Water conditions</b>	Heat/sunstroke	2	Participants and event staff instructed to wear suitable clothing For hot conditions would include hat, sunglasses and carrying sunscreen and water	2
	Cold/wet	1	Participants and event staff instructed to wear suitable clothing For cold or wet conditions would be extra layers and splash top	1
	High winds/rough water	2	Boat design is such that they are not easily prone to swamping Forecasts will be monitored in advance and conditions on the day assessed by the Safety Adviser In the event of expected extreme water conditions, event would be cancelled as advised by Safety Adviser	2
	Debris in water	2	Tidal nature of river reduces amount of debris present Coxswains able to spot debris and avoid contact Relatively slow boat speed would mean minimal damage	2

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