

## Appendix A - Oxford University Rowing Clubs Bumps Racing Risk Assessment - Eights 2008

Location: The Isis

Dates: 16/05/08 (Rowing On), 21/05/08, 22/05/08, 23/05/08, 24/05/08

| Hazard             | Risk  | Control measures in place  | Person(s) responsible               | Risk factor |
|--------------------|---|--|-------------------------------------|-------------|
| <b>River based</b> |   |  |                                     |             |
| Collision          | Skeletal and soft tissue injury                                     | OUCS registered coxes only. Adherence to OURCs circulation pattern during river closure. Early concessions encouraged.   | <b>OURCs</b><br>Captain, Coach, Cox | med         |
|                    | Knocked Unconscious   | 2 rescue launches and mobile phone available. Emergency vehicle access secured.  | <b>OURCs</b> , Coach                | Low         |
|                    | Immersion, with consequent risk of infection, drowning, hypothermia | Blankets and first aid kit available on rescue launches and at boathouses; rowers educated about Weil's disease.   | <b>OURCs</b><br>Captain, Coach      | low-med     |
|                    | Penetrating injury by bows  | Bow balls fitted.  | <b>Boatman</b> , participants       | low         |
| Capsize            | Immersion (as above)  | 2 launches present, as above. All competitors passed swim test or wearing 150N auto-inflate lifejacket and understand capsize drill.   | <b>Captain</b> , Coach              | low         |
|                    | Becoming trapped in boat  | Crew: Heel restraints fitted;<br>Coxes: Stern-coxed boats only.  | <b>Boatman</b> , Crew               | low         |
| Swamping           | Immersion (as above)  | Modified Isis Flag system to be used (attached) – only coxes and crews of appropriate experience to be allowed on the water in adverse conditions.<br><br>Weather and stream to be monitored and consultation taken with EA.<br><br>Cancellation if appropriate. | <b>OURCs</b> , Coach,<br>Captain    | low         |

| <b>Hazard</b>                | <b>Risk</b>   | <b>Control measures in place</b>  | <b>Person(s) responsible</b>          | <b>Risk factor</b>                                 |
|------------------------------|---|---|---------------------------------------|--|
| Catching” Crabs”             | Skeletal and Soft tissue injury (including to head)<br>Being thrown from the boat, with risks from immersion (as above).                      | Controls as above   | Captain, Crew                         | low  |
| Over-exertion                | Hyperventilation, pulled muscles, cramp, hypothermia, back injury.  | Rowers encouraged to warm up on land before outing and warm down and stretch as appropriate.            | <b>Coach</b> , Crew                   | low-med  |
|                              |   | Suitable clothing to be worn, and training program to be followed, taking into account medical history. | <b>Coach</b> , captain                |  |
| High stream and/or high wind | Being swept onto obstacles, including bridges, bank, debris, or weirs.<br>Swamping or capsize when spinning, manoeuvring, boating and landing | Modified flag system to be followed (attached), with restrictions on coxes and crews as appropriate.    | <b>Coach</b> , Cox, Captain, Crew     | low-high, (depending on combination of conditions) |
| Lightning                    | Craft struck by lightning on river  | Race officials will monitor weather conditions.   | <b>Senior Umpire, OURCs Committee</b> | low  |
|                              | Race officials caught in the open during racing.  | Distance of storm to be assessed using “30-30” rule as discussed in event plan                          |                                       |  |

| <b>Hazard</b>  | <b>Risk</b>  | <b>Control measures in place</b>   | <b>Person(s) responsible</b>              | <b>Risk factor</b> |
|--|--|--|---|--------------------|
| Use of Safety launches                                 | Capsize  | Stable launch to be used, launch driver to be qualified to RYA level 2 or equivalent. Second launch available to assist.   | <b>Captain</b> , Coach                    | low                |
|  | Falling Out  | Proper seating to be fitted, and not overloaded. Kill cords to be fitted. Lifejackets to be worn by all crew.  | <b>Captain</b> , Boat Owners, Launch Crew | low-med            |
|  | Failure of engine due to fouling of propeller.                               | Assess state of river for debris. Carry ARA recommended safety equipment, including a knife and paddle.  | <b>Captain</b> , Launch Crew              | low-med            |
|  | Mechanical failure   | Ensure regular servicing. Second launch available to assist.   | Boat Owner                                | low-med            |
| <b>Land based</b>                                      |  |  |   |                    |
| Collision with accompanying cyclists                   | Injury to pedestrians, including immersion (no spectator presence expected). | Marshals to wear yellow bibs and warn pedestrians of oncoming races.   | <b>OURCs</b>                              | med                |
|  |  | Radio checks to be carried out before division starts  | <b>OURCs</b>                              |                    |
|  |  | Cyclists limited to one per crew   | Captain, Coach                            |                    |
|  |  | Bike Marshal to precede each division  | <b>OURCs</b>                              |                    |
|  |  | First aid presence as above  | <b>OURCs</b>                              |                    |
| Collision with boats or blades when boating or landing | Injury to bystanders, immersion.   | Captains aware of responsibilities for any supporters. Marshals available at boathouses with radios.   | <b>Captain</b> , crew, cox                | low                |
| Medical Emergency                                      | Competitor or bystander medical emergency                                    | First aid presence as above.<br>Marshals and competitors advised to keep warm and avoid participating if unwell.<br>Race committee briefed on emergency procedure. | <b>OURCs</b>                              | low                |