

**Clifton Pilot Gig Club**

Risk Assessment for Rowing in Bristol Harbour

The following Risk Assessment has been undertaken to identify possible hazards with regards to the rowing of a Gig in Bristol Docks and the movement of the Gig on a trailer.

The possible hazard has been assessed firstly without any Control Measures in place, and then following the introduction of clear Control Measures.

**Key and Abbreviations**

The following abbreviations have been used

L = Likelihood of Risk Happening.

**1 = Unlikely, 2 = Likely, 3 = Highly Likely**

S = Severity of Risk

**1 = Slightly Harmful, 2 = Harmful, 3 = Very Harmful**

R = Overall Risk = Likelihood x Severity

**1, 2 or 3 = Low, 4, 5, or 6 = Medium, 7, 8 or 9 = High**

All members and users must read and understand this Risk Assessment and ensure that the identified Control Measures are maintained at all times.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Hazard** | **Risk** | **L** | **S** | **R** | **Overall Risk without CM** | **Control Measure (CM)** | **L** | **S** | **R** | **Overall Risk with CM** |
| 1 | **General rowing** | * Injury
* Fatality
 | 22 | 23 | 46 | MediumMedium | * An experienced cox and enough experienced rowers in attendance
* Any restricted times or areas notified by the Harbourmaster known in advance and understood
* Assessment of conditions made prior to departure
* Weather forecast known prior to session
* Weather conditions to be reviewed
* All crew able to swim
* Cox and juniors to wear lifejackets
* Sufficient bailers to be in Gig
* Experienced rowers only to row at night
* Floatable VHF radio or mobile phone to be on gig
* Mobile phone to be carried in waterproof envelope
* Cancel session if any unsuitable conditions exist or any Control Measures not in place
 | 11 | 23 | 23 | LowLow |
| 2 | Strong currents from sluice gates and locks | * Capsizing
* Exhaustion
* Drowning
 | 232 | 323 | 666 | MediumMediumMedium | **All General Rowing Control Measures Apply plus*** Cox to ensure beginners avoid locks and sluice gate areas
* Ensure sufficient experienced rowers in gig to control any currents
 | 111 | 323 | 323 | LowLowLow |
| 3 | Strong Winds | * Water ingress to craft
* Sinking
* Drowning
* Water spray
* Hypothermia
* Drifting
 | 322333 | 233232 | 666696 | MediumMediumMediumMediumHighMedium | **All general rowing control measures apply plus*** Cancel session if winds too strong, before or likely during session
* Experienced cox and rowers only
* Windproof clothing worn
* Cancel session if winds pick up
* Tie up if unable to continue
 | 111212 | 233232 | 233434 | LowLowLowMediumLowMedium |
| 4 | Collision with other craft | * Skeletal injuries
* Bodily injuries
* Capsizing
* Sinking
* Drowning
 | 22222 | 33333 | 66666 | MediumMediumMediumMediumMedium | **All general rowing control measures apply plus*** Cox to be in control at all times
* Crew members advise cox of approaching craft
* Hold water if unsure of other crafts movements
* Assessment of craft numbers made prior to departure
* Cancel sessions if docks / harbour too congested
* Sufficient bailers to be carried
* Light to be used as dusk and night
 | 11111 | 22333 | 22333 | LowLowLowLowLow |
| 5 | Slipway launching and recovery | * Skeletal injuries
* Bodily injuries
* Drowning
* Slips & trips
 | 2213 | 3332 | 6636 | MediumMediumLowMedium | **All general rowing control measures apply plus*** Coxes and crew understand and experienced with launch and recovery procedures
* Sufficient people available to control launch
* Assessment of craft numbers made prior to departure
* Cancel session if insufficient people available to control launch or recovery
* Experienced rowers warn beginners of slippery areas on pontoons
* Help rowers out of the gig at pontoons
 | 1112 | 2232 | 2234 | LowLowLowLow |
| 6 | Cold Weather | * Hypothermia
* Slips & Trips
 | 33 | 32 | 96 | MediumMedium | **All general rowing control measures apply plus*** Cancellation of session if too cold
* Suitable warm clothing to be worn
* Cox to be aware of deterioration of crew conditions
* Cancellation of session if any crew member exhibits any signs of hypothermia
* Cancellation of session if slipway or footpaths covered in ice
* Thermal blankets to be available
 | 12 | 32 | 34 | LowMedium |
| 7 | Hot weather | * Dehydration
* Sunburn
 | 33 | 33 | 99 | HighHigh | **All general rowing control measures apply plus*** Plenty of drink breaks for crew
* Suitable light clothing to be worn
* Suitable sun cream to be used
* Hats and sunglasses to be worn
* Cox to be aware of deterioration of crew
 | 11 | 22 | 22 | LowLow |
| 8 | Broken OarsBroken rudderBroken pins | * Crew stranded off shore
* Hypothermia
 | 11 | 33 | 33 | LowLow | **All general rowing control measures apply plus*** Regular recorded inspection of all equipment and gig
* Carry spare pins on gig
* First aid kit available in gig
 | 11 | 11 | 11 | LowLow |
| 9 | Large Flotsam | * Sinking
* Bodily Injuries
* Drowning
 | 222 | 323 | 646 | MediumMediumMedium | **All general rowing control measures apply plus*** Cox to be alert at all times and avoid
* Crew to alert cox
* Fend off with oars if collision likely
 | 111 | 323 | 333 | LowLowLow |
| 10 | Fog and Mist | * Disorientation
* Sinking from Collision
* Exhaustion
* Hypothermia
 | 3322 | 2323 | 3946 | MediumHighMediumMedium | **All general rowing control measures apply plus*** Cancellation of session if fog exists and visibility is less than 200m
* Suspend session if fog appears
* Keep within sight of shore
* Crew members and Cox advise of approaching craft
 | 1111 | 2323 | 2323 | LowLowLowLow |
| 11 | Boarding and leaving gig | * Slips, trips and falls
* Bodily injuries
* Skeletal injuries
 | 322 | 333 | 966 | High MediumMedium | * All persons to know launch and recovery procedure
* Cox to control boarding and alight gig
* Wear suitable footwear
* Gig to be under control as people board and alight
* Only one person on or off at a time
* Help one another on and off
 | 211 | 233 | 433 | MediumLowLow |