

Risk Assessment

LOCKS, BRIDGES AND TUNNELS

Degree of risk with controls in place

HAZARD	RISK	WHO IS AT RISK?	CONTROLS	SEVERITY	LIKELIHOOD	RISK RATING
				Fatal 5 Major injury 4 To doctor 3 Minor injury 2 No injury 1	Certain 5 Probable 4 Possible 3 Remote 2 Unlikely 1	
Traversing locks	Drowning due to sinking	Crew, volunteers and passengers	<ol style="list-style-type: none"> 1. All crew to wear life jackets when travelling through locks 2. Trained and qualified crew 3. Side fenders to be raised 4. Boat to maintain a central position in lock away from cill and gates 5. Clear communication between crew; use of two-way radios recommended 6. Paddles to be opened in stages when filling lock 	5	1	5
Passengers off the boat at locks	Falling in lock	Passengers	<ol style="list-style-type: none"> 1. Life jackets available for children 2. Safety briefing by Skipper 3. Passengers advised they are responsible for their own safety whilst off the boat 4. Vigilance of crew 	5	1	5
Passengers on board boat at locks	Crush injuries between boat and lock wall	Crew, volunteers and passengers	<ol style="list-style-type: none"> 1. Safety briefing by Skipper 2. Passengers to stay within boat profile 3. Vigilance of crew 	4	1	4
Opening and negotiating swing bridges	Falling in canal Collision	Crew and public	<ol style="list-style-type: none"> 1. Trained and qualified crew 2. Crew to be mindful of pedestrians who may not notice bridge is missing 3. Boat to approach slowly being mindful of the swing of the bridge 	5	1	5
Negotiating tunnels and bridge holes	Collision and crush injuries	Crew, volunteers and passengers	<ol style="list-style-type: none"> 1. Trained and qualified crew 2. Passengers to stay within boat profile 3. Crew to be alert to opposing boat traffic 4. Switch on headlight and interior lights in tunnels 5. Consider use of horn 6. Central line to be taken through bridge/tunnel 	4	1	4
Boat equipment (ropes, mooring pins, mallet etc.)	Slipping, tripping	Crew, volunteers public and passengers	<ol style="list-style-type: none"> 1. Awareness of trained and qualified crew 2. Avoid obstructing footpaths and towpaths 3. Hazards clearly marked 4. Duty of care to self and others 	3	2	6