

# RISK ASSESSMENT

Tideway Adventures Narrowboat Project

Activity/Situation:           Narrowboat activities

Date:20<sup>th</sup> February 2007

HAZARD	THOSE AT RISK	RATING L/M/H	EXISTING CONTROL MEASURES	ADDITIONAL CONTROL MEASURES
Muscle strains from pushing lock gates	Those engaged in such operations especially young people	Medium	Sufficient number of people should be designated to open and close lock gates. More required for heavier gates	Skipper or individual responsible for lock crew to ensure procedures are followed
Injury caused from uncontrolled lowering of paddle gear	Those engaged in operation, specially young or less experienced	Medium	Operator should lower paddle in a controlled fashion. Winding down with one hand and the other holding safety latch, ready to apply if necessary	Individual responsible for lockcrew should ensure competent individual operates paddle gear
Falling from lock side into chamber (empty or full)	Those operating lock side. Especially young or less experienced.	Medium	All those working on lock should wear lifejacket. Keep away from edges, do not run, wear suitable footwear instructor to supervise.	Individual responsible for lockcrew should ensure all procedures are followed and safety rules obeyed.
Slips and trips when operating lock	All persons engaged in operation	Medium	All those working lock should wear suitable footwear, do not rush, run. Take time	Person responsible for lockcrew should ensure safety of his and her crew
Injury caused by parting lines or fingers caught in turns	All persons engaged in operation	Low	Keep fingers clear of turns taken on bollards and stand at correct angle facing away from the lead	Skipper should ensure crew are sufficiently educated with such matters. Competent individuals to handle lines
Injury caused by missiles thrown at passing boats	All persons exposed to such risk, especially those on deck	Low/Medium	Little precautions can be taken for this. Evacuate deck immediately in this scenario. Keep away from windows	Skipper to ensure safety of his crew. Take any action as necessary and report to authorities
Infections caused by canal water entering cuts, grazes etc. wells disease	All persons having contact with water or lines in such conditions	Medium/High	All cuts, grazes, etc. should be thoroughly cleaned and suitably covered prior to activities	Skipper and youth leaders to ensure all procedures are followed.

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Falling from Bunkbed	Persons sleeping aboard boat. Especially young	Low/Medium	Young children should be designated bunks on lower levels	Skipper and youth leaders should ensure all procedures are followed
Crush injuries caused by limbs being trapped between boats and a structure	All those on board especially less experienced crew and the young	High	Crew should be informed of risks. Do not fend off boat with body. Keep off gunnels when coming into lock or alongside	Skipper should inform crew of hazards in safety talk. Abort manoeuvre if necessary.
Injuries caused when clearing prop through weed hatch	Skipper of craft or crew member designated to task	Low/Medium	Take precautions before carrying out task. Wear gloves. Beware of sharp objects	Skipper should ensure that all safety procedures are followed for operation
Slips, trips and falls on board narrow boat	All persons on board partaking in activities	Medium	Crew should be informed of hazards. Take time doing tasks, clear away and clean up after work to avoid hazards.	Skipper should inform crew of hazards in safety talk. All persons should ensure rules are followed
Incidents occurring when craft passing through tunnel	All those on board craft when passing through tunnel and other boat users	Low/Medium	Ensure everybody stays within profile of boat. Extinguish naked flames, be aware of contingency procedures	Skipper should inform crew of hazards in safety talk. Should ensure all procedures are followed
Pollution caused through system malfunction	Marine environment and those engaged in clear up operations	Low/Medium	Be familiar with clear up procedures. Contain spill and inform appropriate authorities	Skipper should ensure all procedures are followed and inform appropriate authorities
Launching of other craft from narrowboat	Those individuals assigned task of launching other craft	Medium	All persons should wear lifejackets during operation. Responsible person should take charge of operation	Skipper should ensure all procedures are followed and that suitable individuals are designated to task

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Activity/Situation:

Narrowboat Activities

Date: 20<sup>th</sup> February 2007

HAZARD	THOSE AT RISK	RATING	EXISTING CONTROL MEASURES	ADDITIONAL CONTROL MEASURES
Illness caused through lax cooking practices and unskilled/trained crew	All those on board receiving food cooked on board	Low/ Medium	All persons involved should sufficiently clean down surfaces and utensils to prevent germs. Responsible person to take charge	Youth worker/instructor should ensure that all HSE regs are adhered to and all procedures followed
Tripping over mooring spikes	Those walking on towpath near moored boat	Low/ Medium	Mooring spikes should be positioned away and off path. Tops of spikes should be covered preferably with bright coloured material	Skipper is overall responsible for ensuring that all procedures are followed and that public are safe
Fire on board. Either in living area or machinery space	Those on board craft at that time other boat users in the vicinity	Low/ Medium	Ensure all procedures are followed to prevent fires. Inform those about smoking. Be familiar with emergency procedures	Skipper should inform crew of hazards in safety talk. Everybody should keep vigil and prevent fire on board
Flooding or sinking of craft in lock or along cut	Those on board N/B at that time	Low/ Medium	Ensure weed hatch is securely replaced. Grease stern gland daily, Ensure those operating lock understand correct procedure	Skipper should ensure that all procedures are followed
Explosion from central heating system	Those on board at that time especially those in vicinity of system	Low/ Medium	Ensure that header tank is sufficiently topped up. Check system for leaks etc. daily	Skipper should ensure that all boatchecks etc. are carried out correctly and professionally
Explosion caused by gas leaks	Those on board boat at that time especially those in vicinity of system	Low/ Medium	Responsible person should only connect gas bottles, ensure fittings do not leak. No smoking enforcement when locker open	Skipper should ensure that all gas equipment is correctly connected and functioning properly
Suffocation due to lack of air circulation at night, through blocked vents. Presence of carbon monoxide	Those staying on board craft over night	Low/ Medium	Skipper to ensure that roof vents are unblocked at night and that craft is well ventilated	Skipper and crew are responsible for ensuring that roof vents are kept clear

# RISK ASSESSMENT

Tideaway Adventures Narrowboat Project

Activity/Situation:           Narrowboat activities and Fund Raising

Date:20<sup>th</sup> February 2007

HAZARD	THOSE AT RISK	RATING	EXISTING CONTROL MEASURES	ADDITIONAL CONTROL MEASURES
Falling overboard whilst underway, alongside or in lock	Those on deck, especially young or less experienced individuals	Medium	Skipper to inform crew of safety rules regarding walking on deck when in lock etc. and procedures in an emergency	Skipper and crew should ensure all procedures are followed. Abort manoeuvre if necessary
Falling from roof when underway alongside or in lock	Those on deck, especially young or less experienced individuals	Medium	Skipper to inform crew of safety rules regarding such situations. Suitable footwear must be worn. No running , anti-slip surface	Skipper and crew should ensure all procedures are followed. Abort manoeuvre if necessary.
Head injuries caused by banging head on fittings/structures	Taller individuals inside boat	Medium	Taller persons should be reminded of possible hazards. Any hazards should be highlighted	Affected individuals should move cautiously and safely about the boat
<b>FUND RAISING:</b>  Injuries sustained when preventing the theft of proceeds	All volunteer helpers	Low	Two people in attendance on the stand at all times  Regular cashing up and removal of cash to a safe place	Communication with site security
Back injuries when lifting boxes of books and bric a brac , tables and display stand.	All volunteer helpers	low	Two persons employed to lift Guidance in lifting technique's	Lifts used where possible
Trips and falls by members of the public due to obstruction in pathway .	All members of the public	Low	All volunteer helpers instructed to keep walkways free of obstacles  Regular tidying and marshalling of stand	Rubbish removed and disposed of at regular Intervals

Injury when evacuating the site in the event of an emergency	All members of the public and volunteer helpers	Low	All volunteer helpers aware of site evacuation plan	Regular liaison with site staff
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