

Truman Enterprise Narrowboat Trust Risk Assessment

Hazard (Problem)	Risk (active result of problem)	Who is at Risk? (Boat Staff, Passengers, Public)	Controls	Degree of Risk (After)									
				Seriousness					Likelihood				
				Fatal	Major injur to doctor	minor injur no injury	Certain	Probable	Possible	Remote	Unlikely		
Arriving at the boatyard													
Moving vehicles	Bodily damage	Passengers, Public	Boat staff on hand upon arrival	5								1	5
			Agreed procedure prior to arrival										
			Agreed assembly point with vehicles										
			Group members must stay with vehicles until arrival of group leader										
Lack of control	Tripping	Passengers, Public	Boat staff on hand upon arrival		4							1	4
			Agreed procedure prior to arrival										
			Agreed assembly point										
			Group members must stay with vehicles until arrival of group leader										
Falling in the canal	Drowning	Passengers, Public	Boat staff on hand upon arrival	5								1	5
			Agreed procedure prior to arrival										
			Agreed assembly point										
			Group members must stay with vehicles until arrival of group leader										
Accessing the boat (moored)													
Lack of knowledge & awareness	Falling between the boat and bank	All	Moor boats securely	5								1	5
			Trained boat staff assisting & instructing										
			Leader's supervision										
			Non-slip paint on surfaces										
			Pre-trip safety briefing										
Lack of knowledge & awareness	Falling onto, into, or off the boat	All	Moor boats securely		4							1	4
			Trained boat staff assisting & instructing										
			Leader's supervision										
			Non-slip paint on surfaces										
			Pre-trip safety briefing										

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Accessing the boat (under way)													
Lack of knowledge and ability	Falling between, off, or on the boat	Passengers	Passengers have received safety briefing from boat staff	5								1	5
			Passengers wait for boat staff instructions										
Domestics													
Contamination	illness	All	Regular maintenance of fridge & water hose			3						1	3
			Agreed procedure for emptying toilets										
			Trained and competent boat staff giving pre-trip safety briefing										
			Group Leaders supervise appropriate cooking procedures										
			Cleaning materials provided by group										
Contact with heat	burns & scalds	All	Signs in place		4							2	8
			Awareness and supervision by group leaders										
			Individual Duty of care to self and others										
			Safety equipment in place										
Stumbles, bumps, slips	injury	All	Signs in place			2						3	6
			Trained and competent boat staff giving pre-trip safety briefing										
			Non-slip paint on surfaces										
			Awareness and supervision by group leaders										
			Individual Duty of care to self and others										
Travelling													
Overcrowding front or back deck	Falling off the boat	All	Trained and competent boat staff giving pre-trip safety briefing	5								1	5
			Awareness and supervision by competent boat staff										
			Awareness and supervision by group leaders										
			Signs in place limiting number on front deck to five										
			Limit number on back deck to two										
			Individual Duty of care to self and others										

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Ineffective leadership	Unsafe conditions	All	pre-trip information requires competent group leaders				3						2	6
			Individual Duty of care to self and others											
			Group leader to arrange for individuals to be sent home											
			Boat staff to terminate trip											
Moving parts (eg. Engine)	Entrapment	Boat staff, passengers	Parts to be switched off before access			4							1	4
			protection by grills and covers											
			Trained boat staff to access											
			Regular maintenance											
Abuse	injury	All	TENT Code of Conduct & Protection Policies				3						1	3
			Awareness and supervision by competent boat staff											
			Awareness and supervision by group leaders											
			Individual Duty of care to self and others											
Locks & other canal features (tunnels, lift bridges, swing bridges, aqueducts, canal edge)														
Cill	Drowning caused by sinking	Boat Staff, Passengers	Awareness and supervision by experienced, trained boat staff	5									1	5
			Clear communication between skipper and crew/passengers											
Obstructions in the canal/lock	Drowning caused by getting wedged	Boat Staff, passengers	Awareness and supervision by competent boat staff	5									1	5
			Clear communication between skipper and crew/passengers											
			Boat staff to have local knowledge											
Leaks from lock	Drowning caused by sinking	Boat staff, passengers	Awareness and supervision by competent boat staff	5									1	5
			Clear communication between skipper and crew/passengers											
Incorrect operation of gate paddles	Drowning caused by sinking	Boat staff, passengers	Awareness and supervision by competent boat staff	5									1	5
			Clear communication between skipper and crew/passengers											
Boat collision with canal feature	injury to people on the boat	boat Staff, passengers	Trained and competent boat staff operating the boat				3						1	3

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			Trained and competent boat staff giving comprehensive tunnel safety talk																	
			Boat staff to have local knowledge																	
hit by moving canal feature	injury to people on and off the boat	All	Trained and competent boat staff giving instruction (lift & swing bridges)		4														1	4
			Awareness and supervision by competent boat staff																	
			Awareness and supervision by group leaders																	
			Individual Duty of care to self and others																	
Boat collision with canal feature	injury to people off the boat	All	Trained and competent boat staff operating the boat		4														1	4
			Awareness and supervision by competent boat staff																	
			Clear communication between two boat staff/passengers																	
			Trained and competent boat staff giving comprehensive tunnel safety talk																	
windlass	injury to people off the boat	All	Trained and competent boat staff giving comprehensive lock safety talk		4														2	8
			Awareness and supervision by competent boat staff																	
			Awareness and supervision by group leaders																	
			Individual Duty of care to self and others																	
falling in	injury to people off the boat	Boat staff, passengers	Trained and competent boat staff giving instruction		5														1	5
			Awareness and supervision by competent boat staff																	
			Awareness and supervision by group leaders																	
			Individual Duty of care to self and others																	
slipping	injury to people off the boat	Boat staff, passengers	Trained and competent boat staff giving comprehensive lock safety talk				3												1	3
			Trained and competent boat staff giving comprehensive tunnel safety talk																	
			Trained and competent boat staff giving instruction (aqueducts)																	

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			Individual Duty of care to self and others												
			Evacuation plan												
			Annual refresher training of all boat staff												
Medical emergencies	Illness	Boat Staff, Passengers	Boat staff knowing location			3							2		6
			Boat Staff and Group Leaders to have mobile phone												
			Group leader to have effective emergency												
			Individual Duty of care to self and others												
			Regular checks of First Aid Kits by Senior Boat Warden and Skipper												
Person Overboard	Bodily damage	Boat Staff, Passengers	Limiting numbers on front and back decks	5										1	5
			Gunwales and roof out of bounds												
			Annual refresher training of all boat staff												
			Awareness and supervision by competent boat staff												
			Trained and competent boat staff giving pre-trip safety talk												
			Trained and competent boat staff trained in emergency procedures												
			Individual Duty of care to self and others												
Person Overboard	Drowning	Boat Staff, Passengers	Limiting numbers on front and back decks	5										1	5
			Gunwales and roof out of bounds												
			Annual refresher training of all boat staff												
			Awareness and supervision by competent boat staff												
			Trained and competent boat staff giving pre-trip safety talk												
			Individual Duty of care to self and others												