

Hazard/threat category	Sub-category
Transport accidents	Fire, flooding, stranding or collision involving a passenger vessel on inland waterways, leading to the vessel's evacuation
Hazard and threat description, plus scale	Risk reference number
Up to 50 fatalities and 300 casualties	HL8
Date of revision	Next review
November 2007	November 2008
Version	2
Author	TVP

1. Overview of hazard or threat

Currently there are no passenger vessels operating in any inland waterway within the Thames Valley area licensed to carry the number of passengers described in this assessment i.e. 350. However there are a number of vessels carrying smaller numbers that could result in significant loss of life i.e. 50 and an assessment of the risk is therefore felt appropriate.

2. Key historical evidence

No previous incident in Thames Valley and only one in recent history in the United Kingdom:-

On 20th August 1989 the gravel dredger BOWBELLE collided with the pleasure vessel MARCHIONESS on the River Thames near the Canon Street Railway Bridge As a result of the collision, 51 people lost their lives.

3. Likelihood

Although an incident of the nature has not occurred in recent history the event cannot be totally ruled out

Hazard	Outcome description	Likelihood
Fire, flooding, stranding or collision involving a passenger vessel on inland waterways, leading to the vessel's evacuation	Up to 50 fatalities and 300 casualties	Negligible (1)

4. Impact

Summary

This type of incident is by its nature very limited in respect of its impact other than to those directly involved

Hazard	Outcome description	Impact			
		Health	Social	Env	Econ
Fire, flooding, stranding or collision involving a passenger vessel on inland waterways, leading to the vessel's evacuation	Up to 50 fatalities and 300 casualties	3	2	2	1

Details

Impacts
Primary
Loss of life and casualties Possible environmental contamination of surface water from fuel, vessel and cargo Possible damage to waterways infrastructure (locks, weirs etc)
Secondary
Issues in respect of future memorial services etc for local authorities Disruption or blockage to navigation Possible impact to surface water, which may effect abstractions used for industry, agriculture and potable supply

5. Vulnerability and resilience

The Thames Valley area has a small number of passenger carrying vessels licensed for operation on the River Thames in Berkshire. Current resources available to the responding agencies would be able to manage with this scale of incident

6. Overall assessment

Category	Sub-category		
Transport accidents	Fire, flooding, stranding or collision involving a passenger vessel on inland waterways, leading to the vessel's evacuation		
Outcome description	Impact	Likelihood	Risk
Up to 50 fatalities and 300 casualties	1	2	Low
Controls in place			
<ul style="list-style-type: none"> Health & safety licensing process 			

- Specific search & rescue plans submitted under regulation by the vessels operator and approved by Maritime Coastguard Agency
- Royal Berkshire Hospital NHS Trust Major Incident Plan
- Heatherwood and Wexham Park Hospitals NHS Trust Major Incident Plan
- Berkshire Primary Care Organisations Major Incident Plan and Operational Response Manuals
- Berkshire Healthcare Trust Major Incident Plan
- Buckinghamshire Hospitals NHS Trust Major Incident Plan
- Milton Keynes Hospital NHS Trust Major Incident Plan
- Buckinghamshire Mental Health Trust Major Incident Plan
- Buckinghamshire Primary Care Organisations Major Incident Plan
- Oxford Radcliffe Hospitals NHS Trust Major Incident Plan
- Oxford Mental Health Trust Major Incident Plan
- Nuffield Orthopaedic Clinic Major Incident Plan
- Oxfordshire Primary Care Organisations Major Incident Plan
- South Central Strategic Health Authority Major Incident Plan
- Berkshire Integrated Emergency Planning Structure
- Wokingham District Council Emergency Plan
- Reading Borough Council Emergency Plan
- West Berkshire Council Emergency Plan
- Bracknell Forest Borough Council Emergency Plan
- Royal Borough Council of Windsor and Maidenhead Emergency Plan
- Slough Borough Council Emergency Plan
- Buckinghamshire County Council Emergency Plan.
- Aylesbury Vale District Council Emergency Plan.
- Chiltern District Council Emergency Plan.
- South Bucks District Council Emergency Plan.
- Wycombe District Council Emergency Plan.
- Environment Agency Incident Management Plans
- Environment Agency 24/7 incident response
- Environment Agency Patrol Vessels and navigation markers
- Environment Agency Memorandum of Understanding with Fire Brigades, Police, Local Authorities, Highways Agency, Health Protection Agency and Health Authority.
- South Central Ambulance Service NHS Trust Major Incident Plan
- Milton Keynes Council Major Incident Guide
- Thames Valley Police Emergency Procedures Manual
- ACPO Emergency Procedures Manual
- ACPO Motorway Manual of Guidance
- Oxfordshire County Council Emergency Plan

- Royal Berkshire Fire & Rescue Service Major Incident Policy
- Oxfordshire Fire & Rescue Service Major Incident Policy
- Buckinghamshire Fire & Rescue Service Major Incident Policy

Additional risk treatment required

None