

Reference: MRA 3



# North Sunderland Harbour Risk Assessment Form

<b>Service</b>	North Sunderland Harbour - MRA Number 3	<b>Date of Risk Assessment</b>	1 Nov 2023
<b>Assessor</b>	Paul Brown / Kay Barkess		
<b>Process or Activity</b>	Vessel Breaks Moorings		

<b>Describe the location where activities are taking place</b>	North Sunderland Harbour and approaches.		
<b>Describe the activities being undertaken</b>	As a result of wind, tide or 3rd party interference a vessel breaks free from her moorings in the harbour.		
<b>Describe the equipment and/ or substances being used</b>			
<b>Describe the people involved in these activities (and others who might be affected)</b>	Port Staff, commercial fishermen, tripping boat crew, divers, RNLI crew, divers, leisure users and members of the public.		
<b>Associated Risk Assessments</b>	MIRAs 4, 5, 6, 7, 11	<b>Associated Safe Systems of Work</b>	

Risk Rating	Action
20-25	Stop Activity and Take Immediate Action
15-20	Urgent Action
8-12	Action
3-6	Monitor
1-2	No Action – ensure controls are maintained and reviewed

Hazard	Uncontrolled Risk Score			Risk Mitigations	Residual Risk Score		
	L	C	R		L	C	R
Commercial fishing vessel or tripping vessel breaks her moorings in the harbour.	2	4	8	<ol style="list-style-type: none"> <li>1. Moorings are inspected regularly boats and by harbour staff on arrival.</li> <li>2. Bollards are inspected annually by harbour staff.</li> </ol>	1	4	4
A vessel which is under ownership (ie not derelict) breaks free from her moorings.	2	3	6	<ol style="list-style-type: none"> <li>1. Moorings are occasionally inspected by owners.</li> <li>1. Vessel owners are recommended to secure their vessels using wire ropes or chain.</li> </ol>	2	3	6
A derelict vessel breaks free of her moorings.	3	2	6	<ol style="list-style-type: none"> <li>1. Vessel is collected by harbour staff.</li> </ol>	3	2	6

## Risk Rating Calculator

Likelihood that hazardous event will occur		Consequence of hazardous event	
1	very unlikely	1	insignificant – no injury
2	unlikely	2	minor – minor injuries needing first aid
3	fairly likely	3	moderate – up to three days' absence
4	likely	4	major – more than seven days' absence
5	very likely	5	catastrophic – death

## Action Level Table

Risk rating	Action
20–25	Stop – stop activity and take immediate action
15–16	Urgent action – take immediate action and stop activity if necessary, maintain existing controls rigorously
8–12	Action – improve within specified timescale
3–6	Monitor – look to improve at next review or if there is a significant change
1–2	No action – no further action but ensure controls are maintained and reviewed