

Reference: MRA 4



# North Sunderland Harbour Risk Assessment Form

<b>Service</b>	North Sunderland Harbour - MRA Number 4	<b>Date of Risk Assessment</b>	1 Nov 2023
<b>Assessor</b>	Paul Brown / Kay Barkess	<b>Next review due date</b>	1 Nov 2024
<b>Process or Activity</b>	Collision		

<b>Describe the location where activities are taking place</b>	North Sunderland Harbour and approaches.		
<b>Describe the activities being undertaken</b>	Vessels underway collide with each other in the Harbour or approaches.		
<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>	MRA 3, 5, 6, 7, 11	<b>Associated Safe Systems of Work</b>	North Sunderland Harbour Mooring Policy – 2023. Colregs.

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
Vessel collides with another vessel when both are underway in the harbour or approaches to the harbour.	2	4	8	<ol style="list-style-type: none"> <li>Vessels are crewed by suitably qualified professionals.</li> <li>Fishing &amp; Commercial vessels governed by MCA regulations for equipment, serviceability and crew fitness and manning levels.</li> <li>NSH see vessel insurance, survey and crew qualifications annually.</li> <li>Vessels are suitably equipped with communications equipment and backup.</li> <li>Requirement for local traffic service / vessel control by NSH reviewed annually.</li> <li>All vessels call on VHF channel XX on departure from berth and 2 minutes from entrance.</li> <li>Speed limit in harbour and within 200 yds of entrance is 3 knots.</li> <li>Vessels equipped with AIS should be transmitting when under way.</li> <li>In restricted visibility only 1 vessel is permitted to move within the harbour.</li> </ol>	1	4	4
RNLI vessel “on task” collides with other vessel in harbour or approaches.	2	3	6	<ol style="list-style-type: none"> <li>All mitigations applied above apply.</li> <li>RNLI coxswains are trained in high speed “blue light” transits.</li> <li>RNLI will broadcast on VHF Ch 16 when leaving or approaching NSH.</li> <li>RNLI vessels are highly manoeuvrable and able to stop very,</li> </ol>	1	1	1

Hazard	Uncontrolled Risk Score			Risk Mitigations	Residual Risk Score		
	L	C	R		L	C	R
				very quickly.			

## Risk Rating Calculator

Likelihood that hazardous event will occur	
1	very unlikely
2	unlikely
3	fairly likely
4	likely
5	very likely

Consequence of hazardous event	
1	insignificant – no injury
2	minor – minor injuries needing first aid
3	moderate – up to three days' absence
4	major – more than seven days' absence
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