

Reference: MRA 4



North Sunderland Harbour Risk Assessment Form

Service	North Sunderland Harbour - MRA Number 4	Date of Risk Assessment	1 July 2024
Assessor	Paul Brown / Fiona Kibby		
Process or Activity	Collision		

Describe the location where activities are taking place	North Sunderland Harbour and approaches.		
Describe the activities being undertaken	Vessels underway collide with each other in the Harbour or approaches.		
Describe the equipment and/ or substances being used			
Describe the people involved in these activities (and others who might be affected)	Port Staff, commercial fishermen, tripping boat crew, divers, RNLI crew, divers, leisure users and members of the public.		
Associated Risk Assessments	MRA 3, 5, 6, 7, 11	Associated Safe Systems of Work	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"> Vessels are crewed by suitably qualified professionals. Fishing & Commercial vessels governed by MCA regulations for equipment, serviceability and crew fitness and manning levels. NSH see vessel insurance, survey and crew qualifications annually. Vessels are suitably equipped with communications equipment and backup. Requirement for local traffic service / vessel control by NSH reviewed annually. Speed limit in harbour and within 200 yds of entrance is 3 knots. Vessels equipped with AIS should be transmitting when under way. 	1	4	4
RNLI vessel “on task” collides with other vessel in harbour or approaches.	2	3	6	<ol style="list-style-type: none"> All mitigations applied above apply. RNLI coxswains are trained in high speed “blue light” transits. RNLI vessels are highly manoeuvrable and able to stop very, very quickly. 	1	1	1

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