



RISK ASSESSMENT

Activity Category:	Waterborne - Generic	Reference Documents/Comments
Sub Activities:	All waterborne activities - Inshore	IBOS DRBS SOP's
Risk Assessment Ref No:	RA00	
Risk Assessment Type:	GENERIC	
Date of Assessment:	Thursday, 01 January 2026	Location: Derwenthaugh Regional Boat Station
Review Frequency:	ANNUAL	Unit or Site specific
Next Review Date:	Wednesday, 31 March 2027	

Activity Category- Sub Activities	Hazards <i>(something with a potential to cause harm)</i>	Consequences <i>Likelihood/Severity</i>	Who and/or What is at risk	Control Measures (CM) <i>Practical and evidence based, including assurance activities.</i> New CMs required in RED Text:
Strategic (Covers all sub activities)	Undertaking Waterborne Proficiencies without due diligence and risk mitigation processes	Undertaking activities with poor management leading to significant risks: - Injury - Ill health - Reputational - Legal	MSSC Organisation CFAV Cadets Public Emergency services	- List key procedural documents - List assurance activities
Fleet Management	Lack of robust Fleet Management processes	Resulting in unsafe boats and equipment in use causing - Injury - Ill health - Fatality - Reputational - Legal	All participants, the public, emergency services	- All equipment and boats must be recorded on Westminster. - Annual Checklist completed by a competent person, in addition to daily checks before use. - Equipment that does not pass these checks is to be removed from use and clearly marked. - These arrangements are provided by IBOS 6.3 & 6.4. - Support and assurance visits and checks of these procedures is detailed at IBOS 20.6 UMA Process samples boats (TSA)
Craft and Equipment Maintenance	Lack of expertise in maintenance and repair Lack of appropriate resources/equipment or working areas to properly affect repairs / maintenance	Leading to - Exposure to hazards substances causing serious health issues - Use of tools - injury - Harm to participants if equipment incorrectly maintained (injury) Equipment Loss or irreparable damage	All participants	- Only to be undertaken by suitably knowledgeable and experienced person as per IBOS 6.3. - Appropriately trained persons: WSE Maintainer, Marine Engineer, Qualified Instructor etc. where appropriate/required - Use of appropriate materials and equipment to affect repair work - IBOS Equipment Check sheets - Powerboat Full Condition Surveys

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				- Pre use inspections - WSE Log / Maintenance Operations - Equipment manufacturer user manuals - UMA Process samples boats (TSA)
Craft and Equipment Maintenance	Lack of expertise in maintenance and repair Lack of appropriate resources/equipment or working areas to properly affect repairs / maintenance	Leading to - Exposure to hazardous substances causing serious health issues - Use of tools - injury - Harm to participants if equipment incorrectly maintained (injury) Equipment Loss or irreparable damage	All participants	- Only to be undertaken by suitably knowledgably and experienced person as per IBOS 6.3. - Appropriately trained persons: WSE Maintainer, Marine Engineer, etc. where appropriate/required. - Use of appropriate materials and equipment to affect repair work. - Use of appropriate PPE in accordance with COSHH risk assessments, control measures and guidance as detailed in IBOS 6.3. - IBOS Equipment Check sheets. - Powerboat Full Condition Surveys - Pre use inspections - WSE Log / Maintenance Operations - Equipment manufacturer user manuals. - UMA Process samples boats (TSA)
Area of local operations (Inc Extended)	Not identifying the hazards and risk for proposed location	Exposure of risks to participants causing: - Injury/Fatality - Ill Health - Reputational	All participants	- Area of operation approval process - Location specific site visit and RA - Site specific instructions - Qualified instructors as per IBOS supervision requirements - NGB Requirements - Appropriate site specific and activity specific WSE and PPE

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				- IBOS guidance for site and activity specific requirements.
Equipment Movement	Weight and size of equipment and limitation of persons involved	Serious manual handling injuries Damage to equipment	All participants, the public, emergency services	- MSSC SHE Statement and local risk assessment - Site specific instruction - Manual handling Training (Available on the DLE and also T&A under safety) - Carrying and moving aids - IBOS 7.6 Matching equipment to activity - Use of appropriate trolley's/carriers provided with equipment - Participant supervision iaw IBOS
On or near the water activity	"Immersion in the water Moving water Fall from water's edge Craft or pontoons alongside water contamination Impact of weather and temperature"	Drowning Fall injuries Crush Injuries Hypothermia/Hyperthermia Cold water shock Fatality Entrapment Cuts Bruises Sun Burn	All participants, the public, emergency services	- Appropriate WSE and PPE (closed toe footwear, weather appropriate clothing) - Site specific RA and instructions - Supervision in accordance with IBOS Requirements - Water safety test - Suncream is to be made available - Water available to participants, hydration levels encouraged and checked - Warm drinks available on cold days - Shaded areas available for rest stops
Selection of equipment	Incorrect choice of equipment for those taking part and suitability for the location	Injury or ill health Drowning Hypothermia/Hyperthermia	All participants, the public, emergency services	- Qualified instructors being able to identify appropriate equipment for the activity, location and environmental conditions

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		Cold water shock Fatality		- Site specific instructions and RA IBOS 4.5 Manual Handling
Safety Cover of afloat Activates	Not having appropriate safety cover for activities	Lost personnel Injury Fatality Equipment Damage or loss Safeguarding issues	All Participants	- IBOS daily log - IBOS requirements 10.7, 10.7.1 & 5.10. - NGB requirements + Activity Specific Guidance (per discipline) - Site Specific Inductions iaw IBOS 2.6 & 8.8 - Clear communications system as per IBOS 10.6
Equipment Contamination	Polluted or contaminated water Transmission of disease	Illness Dermatological damage Serious illness - long term	All Participants	- Commitment to Cleanliness Documents / routine - Site Specific Instructions - Public Health Guidance - Specific MSSC Policies/guidance - IBOS 11.2 and 11.3 - Check/Clean/Dry and Equipment Wash Down
Risk from other water users	Collisions Anti-social behaviour Craft Wash	Injuries Psychological injuries Damage to craft	All Participants	- Appropriate operating areas for activity - Application of IRPCS and clear signals (or local bylaws) - Site Specific Instructions and Instructor Inductions - Participant monitoring, briefing and management as per IBOS 5.1.1 through to IBOS 5.1.7 - Engagement with other users / navigation authority

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Environment Changes	Deteriorating weather conditions Water/Sea state increase River/Tidal Flow increase or change Significant swing in wind direction	Risk of entering water Injuries Loss of group control/ individual participants Group or participant unable to return to departure point.	All Participants Emergency Services	- Appropriate operating areas for activity - Designated Shoreside Contact - Emergency Action Plan, including nominated emergency egress points - Application of IRPCS and clear signals (or local bylaws) - Site Specific Instructions and Instructor Inductions - IBOS 5.1.1 through to IBOS 5.1.7 - Clear communications system as per IBOS 10.6 - Dynamic risk assessment by all
Third Party Events and Competitions	Reliance upon third party operations in safeguarding participants. Assurance of due diligence and safety standards. Ensuring outcomes of the event meet with the mission and requirements of Sea Cadets.	Safety standards fall below requirements of MSSC. Lost personnel Fatality Serious injury Safeguarding Issues Reputational Legal	All Participants MSSC Organisation Supervising Personnel	- The activity owner must show that the event meets the safety standards set out in IBOS and that the event is adequately insured (Third Party Public Liability £5 Million) - Safety Provision must meet IBOS requirements as a minimum. - Instructor and adult supervision requirements must meet IBOS Guidance as per Standards and Expectations issue Third Party Events and Competitions. - All equipment used by SCC Participants (SCC or otherwise) must meet standards set out in IBOS. - All WSE must comply with IBOS and WSEL regulation. - All authorised activity must comply with Standards and Expectations issue Third Party Events and Competitions.

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				- Any event that takes place outside of defined Sea Cadet operating parameters must be approved via the Extended Operations Process by the Area Training Manager.
SPARE ROWS TO BE ADDED IF NEEDED TO MAKE IT SPECIFIC				

ACCEPTANCE AND AUTHORISATION	Name	Role/Post	Date
Assessor	A Simpson	Facilities Manager	01/01/2026
Controls agreed by:	W Shepherd	Chairman	01/01/2026
	D Finlay	Principal	07/01/2026
Additional/Exceptional controls implemented by?			