

Ibos

SOP's **MARINE SOCIETY & SEA CADETS**

RISK ASSESSMENT

Activity Category:	Waterborne – Sailing RA	Reference Documents/Comments
Sub Activities:	<ul style="list-style-type: none"> - Maintenance - Day boat and Open Keelboat Sailing - Dinghy Sailing - Sailing (inland and offshore) - Sea Survival acquaint periods 	IBOS SOP'S
Risk Assessment Ref No:	RA03	
Risk Assessment Type:	GENERIC	
Date of Assessment:	Monday, 30 December 2024	Location:
Review Frequency:	ANNUAL	Unit or Site specific
Next Review Date:	Monday, 31 March 2025	

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> <i>New CMs required in RED Text:</i>
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	<ul style="list-style-type: none"> - List key procedural documents - IBOS - DRBS SOP'S - List assurance activities
Beginner Single Handed Sailing	Lack of Boat Control lack of Group Control Risk of Collisions Boom Strikes Immersion in water MOB Exposure Fatigue Capsize Entrapment	Damage to equipment Injuries to participants Drowning Head Trauma Hypothermia	Participants Instructor/Coaches	Head Protection Compulsory In accordance with: <ul style="list-style-type: none"> - IBOS 12.5 & 6.5.2 Supervision In accordance with IBOS 5.2 (Outline of Supervision Requirements), 5.2.1 (Definitions of Supervision Requirements), 12.1 (Instructor Ratios (Dinghy Sailing)) and 12.2 (Instructor Qualification Remit) - Fully equipped Safety Boats as per IBOS - Site Specific Instructions provide for suitable training area (sheltered/out of traffic) - Delivery using best practice laid down by NGB (RYA G14 Dinghy Coaching handbook)
Intermediate/Advanced Single-Handed Sailing	Lack of Group Control Risk of Collisions Boom Strikes Immersion in Water MOB Exposure Fatigue Capsize Injuries	Damage to equipment Injuries to participants Drowning Head Trauma Hypothermia	Participants and instructors in single handed sailing boats	In accordance with: <ul style="list-style-type: none"> - IBOS 5.2 (Outline of Supervision Requirements), 5.2.1 (Definitions of Supervision Requirements), 12.1 (Instructor Ratios (Dinghy Sailing)) and 12.2 (Instructor Qualification Remit)

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				<ul style="list-style-type: none"> - Fully equipped Safety Boats as per IBOS Site Specific Instructions provide for suitable training area - Courses delivered have participant Pre-requisites as per Course Catalogue Delivery using best practice laid down by NGB (RYA G14 Dinghy Coaching handbook)
Crewed Dinghy Sailing	Risk of Collisions Boom Strikes Capsize Entrapment Immersion in water Fatigue	Damage to equipment Injuries to participants Drowning Head Trauma Hypothermia	All Participants	In accordance with: <ul style="list-style-type: none"> - IBOS 5.2 (Outline of Supervision Requirements), 5.2.1 (Definitions of Supervision Requirements), 12.1 (Instructor Ratios (Dinghy Sailing)) and 12.2 (Instructor Qualification Remit) - Fully equipped Safety Boats as per IBOS - Majority of craft modern (RS Quest etc.) and provide stable open teaching platform - Site Specific Instructions provide for suitable training area - Courses delivered have participant Pre-requisites as per Course Catalogue - Delivery using best practice laid down by NGB (RYA G14 Dinghy Coaching handbook) - Mast head floatation must be considered as per IBOS 12.6.1
Open Keelboat Sailing	Risk of Collisions Boom Strikes Capsize or knock-down Entrapment MOB	Damage to equipment Injuries to participants Drowning Head Trauma	Participants and Instructors onboard keelboat(s)	In accordance with: <ul style="list-style-type: none"> - IBOS 5.2 (Outline of Supervision Requirements), 5.2.1 (Definitions of Supervision Requirements), 12.1 (Instructor

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	Immersion in water Fatigue High load boat equipment	Hypothermia Muscular injuries		Ratios (Dinghy Sailing)) and 12.2 (Instructor Qualification Remit) - Fully equipped Safety Boats or 2 keelboats operating in company as per IBOS - IBOS Annex on Keelboats and separate risk assessment plus IBOS 17.0 – Keelboat Sailing (including use of Lifejackets in coastal locations) - Site Specific Instructions provide for suitable training area or Extended Area of Operations request submitted - Courses delivered have participant Pre-requisites as per Course Catalogue - Delivery using best practice laid down by NGB (RYA G14 Dinghy Coaching handbook) -
Performance Sailing/Trapezing	Risk of Collisions Boom Strikes High risk of Capsize Wipeout Entrapment Immersion in water MOB Fatigue High load boat equipment	Damage to equipment Injuries to participants Drowning Head Trauma Hypothermia Muscular injuries Missing Persons	Participants onboard performance boats	- Consider not using trapeze system if optional trapeze equipment if fitted must be in good condition particularly bungee - Use Mast head Floatation - Instructor Competency confirmed Ideally Advanced Dinghy Instructor - Instructor and safety boat carrying serrated knife - Participants clothing / PPE checked for loose or looped risks for snagging or entrapment - If using a trapeze harness if must be in good condition, properly fitting and have a quick release hook system

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				<ul style="list-style-type: none"> - Participants must be competent sailors already (not beginners) - Instructor must be inducted and familiar with entrapment policy/procedures - Performance and/or trapeze sailing to be supervised directly by a competent instructor
Day Sailing	Risk of Collisions Boom Strikes Capsize Entrapment Immersion in water Fatigue Benightment Loss of bearings	Damage to equipment Injuries to participants Drowning Head Trauma Hypothermia	Participants Instructor/Coaches Emergency Services	In accordance with: <ul style="list-style-type: none"> - IBOS 5.2 (Outline of Supervision Requirements), 5.2.1 (Definitions of Supervision Requirements), 12.1 (Instructor Ratios (Dinghy Sailing)) and 12.2 (Instructor Qualification Remit) - Fully equipped Safety Boats as per IBOS - Majority of craft modern (RS Quest etc.) and provide stable open teaching platform - Site Specific Instructions provide for suitable training area or Extended Area of Operations submission approved - Courses delivered have participant Pre-requisites as per Course Catalogue - Delivery using best practice laid down by NGB (RYA G14 Dingh Coaching handbook) - Mast head floatation must be considered as per IBOS 12.6.1 - Expeditions delivered In accordance with IBOS 18.0 – Expeditions
Racing	Risk of Collision Boom Strikes Capsize	Damage to equipment Injuries to participants Psychological Harm:	Participants and Instructors in sailing boats	In accordance with: <ul style="list-style-type: none"> - IBOS 5.2 (Outline of Supervision Requirements), 5.2.1 (Definitions of

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	Entrapment Immersion in water MOB Fatigue Aggressive Behaviour Other water users	(Stress of competition, impact of losing etc) Drowning Head Trauma Hypothermia Muscular injuries		Supervision Requirements), 12.1 (Instructor Ratios (Dinghy Sailing)) and 12.2 (Instructor Qualification Remit) - Fully equipped Safety Boats as per IBOS Site Specific Instructions provide for suitable training area or Extended Area of Operations submission approved. - Courses delivered have participant Pre-requisites as per Course Catalogue or participants have been briefed on sailing instructions/notice of race - Delivery using best practice laid down by NGB (RYA G14 Dinghy Coaching handbook) - Participation is limited to internal events, or formally organised external events. - Shoreside adult always appointed for supervision/decision to race. - Mast head floatation must be considered as per IBOS 12.6.1. - IBOS 5.7 Third Party Events and Competitions guidance. - IBOS 5.8 Sea Cadet Competitions.
Capsize and Inversion Drills	Entrapment Fatigue Immersion in water	Damage to equipment Injuries to participants Psychological Harm Drowning Hypothermia Muscular injuries	All participants	In accordance with: - IBOS 5.2 (Outline of Supervision Requirements), 5.2.1 (Definitions of Supervision Requirements), 12.1 (Instructor Ratios (Dinghy Sailing)) and 12.2 (Instructor Qualification Remit) - Fully equipped Safety Boats as per IBOS

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				<ul style="list-style-type: none"> - Site Specific Instructions provide for suitable training area - Mast head floatation must be considered as per 12.6.1
SPARE ROWS TO BE ADDED IF NEEDED TO MAKE IT SPECIFIC				

ACCEPTANCE AND AUTHORISATION	Name	Role/Post	Date
Assessor	A Simpson	Principal	30/12/2024
Controls agreed by:	D Finlay	Chief Instructor	07/01/2025
	A Simpson	Chairman	31/12/2024
Additional/Exceptional controls implemented by?			