

Tinaroo Sailing Club SAFETY MANAGEMENT SYSTEM for Safety Vessels

VERSION 2.0 | April 2022



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Owner's responsibility and authority statement

Tinaroo Sailing Club owns these vessels and will maintain the vessels in good repair and ensure they are fit for purpose. Tinaroo Sailing Club gives authority to approved, suitably qualified and experienced staff, volunteers and members to use the vessels following a thorough induction.

Skipper's responsibility and authority statement

'As the skipper of this vessel I acknowledge that I have been inducted on the use of this vessel. I hereby declare that I am competent in managing the vessel in all reasonably expected circumstances and conditions. I will use the vessel solely for its intended purpose and ensure that *safety is always front of mind.*'

Skipper's Qualifications

- RMDL, Recreational Marine Drivers Licence
- SBOC, Australian Sailing Safety Boat Operator Certificate (preferable)
- First Aid Certificate (or aware of who, present at the club during vessel operation holds a First Aid Certificate)
- Completed and signed induction

Vessel Rules

- 1. Vessel must be returned fully functional.
- 2. No drinking of alcohol or smoking is permitted on this vessel.
- 3. Vessel must only be operated in day light hours only.
- 4. Kill cord safety lanyard must always be engaged when underway.
- 5. All crew must always wear a PFD (personal flotation device) while operating the vessel
- 6. This Safety Management System must be followed.
- 7. Report any incidents, repairs or queries to TSC Commodore.



Company and Vessel details

VESSEL DETAIL 1 – GREY RIB (TSC01Q)							
Vessel name: Grey RIB / TSC Safety RIB		Unique ide	ntifier number:	CNHFD08228J819			
Vessel type: Highfield Ocean Master RIB		Vessel len	gth:	5.0 Meter			
Year of build:	202	20		Vessel dra	ught:	Less than 1m	
Hull material:	Alu	uminium/	Rubber				
Propulsion:	Yaı	maha 60	HP	Serial num	ber:	6C5L1092040	
Passengers:	760	0kg max	сар	Operationa	al Area:	>less than 15 nm from land	
VESSEL DE	ΓAIL 2 – BLUE	RIB (XZ	643Q)				
Vessel name	. Blu RIE		ΓSC Safety	Unique ide	ntifier number:	AUSWAA3399H515	
Vessel type:	Sw	vift RIB		Vessel len	gth:	3.4 Meter	
Year of build:	20	15		Vessel dra	ught:	Less than 1m	
Hull material: Aluminium/Ru		Rubber					
Propulsion: Honda 20 HP		1 P	Serial num	ber:	BAMJ1033924		
Passengers:	560	0kg max	сар	Operationa	al Area:	>less than 15 nm from land	
VESSEL DE	TAIL 3 – YELLO						
Vessel name	: Sat	llow Boa fety RIB		Unique ide	ntifier number:	AUADA000013QT6	
Vessel type:		ustom Bu nghy runa		Vessel length: 4.5 Meter			
Year of build:	198	85		Vessel draught: Less than 1m			
Hull material:	Alι	uminium					
Propulsion:	Ya	amaha 40) HP	Serial number:		810075	
Passengers:	8 m	max		Operationa	al Area:	>less than 15 nm from land	
OPERATION	SUMMARY						
Operating are	ea			oo Dam, unless permission given by Committee to use nd in accordance with the operational area.			
Voyage duration Daylight hou			·				
Activity Safety suppo			ort, training				
CONTACT D	ETAILS						
Vessel Inc Tinaroo			PO Box 5 K		Designated Person: Commodore TSC	Email: tinaroo@sailing.org.au	



Responsible persons details and qualifications

Roger Wadley, Commodore TSC

Mobile 0427916568

C/- Tinaroo Sailing Club, Black Gully Road, Tinaroo							
Qualifications							
• RMDL							
Powerboat Handling Certificate							
Safety Boat Operator Certificate							
Dinghy Instructor							
Blue Card							
First Aid Certificate							
Vessel owner sign off							
Roger Wadley, Commodore Tinaroo Sailing Club							



Safety Equipment List

The following safety items will be always on board

- All crew must wear a PFD while operating vessel
- Fire extinguisher
- Radio (Hand held radio required for Blue Rib)
- Torch
- Anchor and chain suitable to conditions
- Paddles
- Electric bilge pump and hand bailer
- Bucket
- Tool kit including bolt cutters, pliers, screw driver, knife, shackle key
- Tow rope and bridle
- First aid kit

The following items must be carried as per the below table

Equipment	Smooth waters	Partially smooth waters	Beyond PSW/ open water
EPIRB or PLB			*
Lifejacket	✓ Lifejacket level 50, 100, 150, 275 or level 50 special purpose	✓ Lifejacket level 100, 150, 275 or level 50	✓ Lifejacket level 100, 150, 275

The following items are recommended

- Ample drinking water
- Sunscreen, hat, and sunglasses
- Appropriate footwear
- Wet weather jacket
- Gloves



Safety Induction

ITEMS OR SYSTEMS TO BE DISCUSSED					
Has read and understood the "skippers' responsibility and authority statement" from page 3					
PFD (personal flotation device) storage and mandatory wearing of PFD during vessel operation					
Skipper is responsible to arrange a crew member capable of rendering assistance					
Vessel operating controls					
Highlight care of propeller guard					
Motor up / down					
Water coolant flow					
Fuel system / gauges					
Safe re-fuelling and storage procedures					
Ensure radio is operational via a radio check					
Anchor deployment and recovery					
Fire extinguisher location and use					
Bilge pump and bucket location and use					
Use of kill cord - always (incl location of spare kill cord)					
Tow rope and towing bridle / clip on points					
Inflatable tube pressure / inflation points					
Bung					
First aid kit location					
Safety tool kit location					
Trailer safety chain, brakes, lights					
Vessel launching and retrieval procedure					
Vessel mooring procedure					
Vessel storage procedure					
General discussion on activities (go slow through fleet, turn off motor where possible)					
Highlight that vessel is affiliated with Tinaroo Sailing Club and therefore sets the standard of safe activity					
Before commencing operation - refer to "Safety Vessel & Equipment Checklist" located on board vessel					



Skipper Induction Log

Date Inducted	Skipper	Inducted by	Qualifications Checked (per Page 3)	Signed to Confirm Induction
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid -	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	
		Commodore	RMDL -	
		TSC	SBOC -	
			First Aid-	



Skipper Register and Contact Details

Name	Address	Mobile No.	Emergency contacts Name and Mobile No.	Date joined vessel	Date left vessel

Emergency Plan - Adverse weather

- 1. Weather forecast must always be sought by the vessel operator prior to departure and visually monitored during the day.
- 2. Advise starter's box of observed changing conditions, especially lightning. On his/her direction, advise boats to immediately head for shore.
- 3. Should adverse conditions be experienced, don weather protective wear such as spray jackets.
- 4. Never leave the area whilst the boats you are supporting are still on the water.
- 5. Drive the boat at a slow, suitable speed. Advise crew to be seated and braced.
- 6. Stand by any boats experiencing difficulty with the supervision of children being a priority.
- 7. Safety of people is more important than boats and equipment.
- 8. When you are satisfied that all boats are safe, seek shelter and get off the water asap.



Emergency Plan - Collision

- 1. Skipper to yell 'brace for impact' if a collision is imminent.
- 2. Post impact, immediately ensure motor is in neutral, or switched off.
- 3. Check the well-being of all crew on board your own vessel and prioritise based on the severity of any injuries.
- 4. Inspect your own vessel for any damage. If damage puts the vessel in danger of sinking or burning activate emergency plan for flooding or fire.
- 5. If there is no critical emergency on your vessel, use the same guidelines for the other vessel if other parties are involved.
- 6. Radio or call for assistance if required and practical (see emergency contacts page within).
- 7. Critical damage to the boat that will likely cause further injury will need to be attended to first.
- 8. Attend to any injuries by either applying first aid or calling for an ambulance and guiding it to the closest and most accessible meeting point for both parties.
- 9. Details of any other parties involved should be collected, and no discussion about who was at fault should be entered into at this time.
- 10. Lines of communication with on-water team leader/club/organising authority should be maintained where practical.
- 11. Fill out incident register and report form.



Emergency Plan - Fire

- 1. Raise the alarm with crew and move crew as far away from the fire source as possible. People before property.
- 2. Position boat in relation to the wind where likelihood of injury/spread is minimised (most likely bow upwind).
- 3. If the fire source is the motor, switch off motor, turn off fuel flow if possible, disconnect the fuel line if possible.
- 4. Douse with water from your bucket. If the cowling of the engine can be removed safely, do so and douse fire with water.
- 5. Engage use of fire extinguisher if necessary.
- 6. Use radio/phone to call for emergency assistance to nearest vessel or land crew if required.
- 7. If fire is out of control, prepare to abandon ship if necessary. PFD should already be worn.
- 8. Apply first aid or call ambulance.



Emergency Plan - Flooding

- 1. Activate electric bilge pump.
- 2. Investigate the source of inflow and mitigate if possible it is most commonly the rear bung. Turn motor off when checking or installing the bung.
- 3. Call for emergency assistance if necessary.
- 4. Use manual bailer or bucket if inundated.
- 5. Advise starter's box if you need to leave the course area.
- 6. If a sinking emergency is likely, ground boat on dry land or an exposed bank if accessible.
- 7. It is advisable to remove a large volume of water before attempting to retrieve the boat on to the trailer.



Emergency Plan - Person overboard

- 1. Yell "person overboard".
- 2. Skipper appoints someone to continually point to the swimmer's position.
- 3. Manoeuvre boat into a position to make a controlled approach to the swimmer, likely to be from a downwind position.
- 4. Approach the swimmer slowly and very carefully ensuring the boat doesn't risk injury to the person. Ideally the person will swim the last 1-3 meters to the rescue boat when the boat is stationary.
- 5. Ensure the swimmer is nowhere close to the propeller at any time and if they are, the engine should be switched off immediately.
- 6. Communicate with the swimmer to ascertain they are free of injury that could be made worse by dragging them into the boat. If an injury of that nature is evident then assistance may need to be called for.
- 7. Assuming the swimmer is injury free, assist them to re-enter the boat, best achieved by grabbing the back of their life jacket and pulling them up and in over the side.
- 8. If getting aboard over the side seems too difficult, cut the motor and ask the swimmer to enter over the transom.
- 9. Be aware of trapeze hooks that could cause injury or trap person overboard or cause damage to boat.
- 10. Ensure the swimmer is kept warm, check for injuries, and apply first aid if applicable.



Emergency Plan - Personal injury or other medical emergency

Familiarise yourself with any existing emergency policies that you may be operating under at a club or event. You should be aware of details such as directions for emergency services if standard procedures are in place.

Should an injury occur the severity of the injury must first be assessed.

For injuries deemed minor, first aid should be applied immediately, and an injury and minor incident report must be completed when ashore as soon as practical.

For any injury or onboard health emergency deemed to be serious or significant an ambulance should be called immediately and directed to a predetermined location that is easily accessed by both parties.

Do not hang up on emergency services until directed to do so.

Emergency services call



Advise the starter's box of your intended response and the status of your patient as soon as possible.

Advise Commodore.

If necessary: Advise Australian Sailing of the incident.

Fill out an incident report form and a Maritime Safety

Queensland 'Marine Incident Report' - provided in this SMS

and forward to Australian Sailing.



Incidents that require reporting to Maritime Safety Queensland (MSQ)

Please contact the staff of Australian Sailing (Brisbane office) immediately for assistance with incidents that require reporting to MSQ.

A MSQ report form is included in this SMS and can be located on-line at https://www.msq.qld.gov.au/Safety/Marine-incidents

What is a reportable marine incident?

Boats with Queensland registration

Under the Transport Operations (Marine Safety) Act 1994 (TOMSA), Part 11 Div 1, a marine incident is an event causing or involving -

- a. the loss of a person from a ship; or
- b. the death of, or grievous bodily harm to, a person caused by a ship's operations; or
- c. the loss or presumed loss or abandonment of a ship; or
- d. a collision with a ship; or
- e. the stranding of a ship; or
- f. significant damage, or danger of significant damage, to a ship; or
- g. significant damage caused by a ship's operations; or
- h. danger of significant damage to a structure caused by a ship's operation; or
- i. danger to a person caused by a ship's operations.



Risk Assessment

Risk Analysis

Having identified the risks involved in club activities, each risk is analysed and rated in terms of their likelihood to occur and the seriousness of the consequences arising from their occurrence.

These ratings are as follows:

- 1. The chance of the risk occurring (likelihood)
- 2. The loss or damage impact if the risk occurred (severity)
- 3. The priority or degree of urgency required to address the risk

In order to systematically assess the risks identified in the first stage of the process, a risk rating scale, set out below in Tables 1-3 are applied. The risk rating scales identifies the level of risk and then the risk management priorities.

Table 1: Likelihood Scale

The likelihood is related to the potential for a risk to occur over an annual evaluation cycle.

RATING	DESCRIPTOR	LIKELIHOOD - The potential for problems to occur in a year
Α	ALMOST CERTAIN	Will probably occur, could occur several times per year
В	LIKELY	High probability, likely to arise once per year
С	POSSIBLE	Reasonable chance, likely to arise over a five-year period
D	UNLIKELY	Plausible, could occur over a five to ten year period
E	RARE	Very unlikely but not impossible, once in 100 years



Table 2: Severity Scale

The severity of a risk refers to the degree of loss or damage which may result from its occurrence.

RATING	DESCRIPTOR	POTENTIAL IMPACT - In terms of the objectives of the organisation
5	CATASTROPHIC	One or more fatalities, or multiple significant injuries with extended hospitalisation or wide spread public inconvenience, or liabilities or reputational damage affecting the continued viability of club operations, cost of damage over \$1M, or significant unrecoverable damage to the environment.
4	MAJOR	Permanent disabling injury, or significant injuries (requiring hospital treatment), or major public inconvenience, or significant liabilities or reputational damage, or cost of damage \$100K - \$1M, or unconfined environmental impact requiring long term recovery. Vessels lost or damaged beyond repair.
3	MODERATE	One significant reversible injury (requiring hospital treatment or rehabilitation), or moderate public inconvenience, or moderate liabilities or reputational damage, or cost of damage \$10K - \$100K, or confined environmental impact with medium term recovery.
2	MINOR	Small number of minor injuries requiring medical treatment, or some public inconvenience, or minor liabilities or reputational impact, or cost of damage \$1K - \$10K, or short term confined environmental impact. Damage to equipment that requires repair before being operable.
1	NEGLIGIBLE	One negligible injury possibly requiring first aid, or cost of damage up to \$1K, or confined and promptly reversible environmental damage. Insignificant damage to equipment.



Table 3: Risk Impact Matrix

The risk impact matrix determines the severity of the risk and the impact it could have on the organisation. It provides an indicator to assist in the decision making of what action is warranted for the risks

LIKELIHOOD		SEVERITY/ CONSEQUENCE						
		CATASTROPHIC	MAJOR	MODERATE	MINOR	NEGLIGIBLE		
		(5)	(4)		(2)	(1)		
A. Almost Ce	rtain	Extreme	Extreme	High	Medium	Medium		
B. Likely		Extreme	Extreme	High	Medium	Low		
C. Possible		Extreme	High	Medium	Low	Low		
D. Unlikely		High	High	Medium	Low	Low		
E. Rare		High	Medium	Low	Low	Low		

Once risk impact has been determined the committee can evaluate priorities for response to make the risk tolerable to the organisation.

Table 4: Key to the risk impact matrix.

PRIORITY	DESCRIPTION
Extreme Risk	Extreme risks that are likely to arise and have potentially serious consequences requiring urgent attention.
High Risk	Major risks that are likely to arise and have potentially serious consequences requiring urgent attention or investigation.
Medium Risk	Medium risks that are likely to arise or have serious consequences requiring attention.
Low Risk	Low risks and low consequences that maybe managed by routine procedures.



Section 1: ON WATER

Risk No.	Risk / Hazard	Risk Controls	Likelihood	Severity	Residual Risk Rating	Resources/Actions	Persons Responsible	Time- frame
1.	Collision between boats resulting in serious personal injury and/or major damage disabling boat(s)	All events conducted in accordance with the Racing Rules of Sailing* as adjusted by the Sailing Instructions*. Design courses to use different marks and start times to minimise the probability of vessel congestion. Separate courses to be set for each fleet, to minimise different classes mixing.	Possible	Moderate	Medium	Rescue boat - On water during racing with a licensed driver, crew includes an observer, all crew members wear personal flotation devices, first aid kit, tow line, safety tool kit and fire extinguisher, radio back to starter's box. Regattas also have more than one boat on water. Having more than one boat may also apply to other events at the discretion of the event organiser and the Commodore. Starter's box - On station with clear vision of course, binoculars, all rescue boats carry radios and are in communication with starter's box on Channel 13. Access to a phone. Sail craft - All craft are compliant with sailing requirements, personal flotation devices, the rescue boat is available to assist boats in distress. Briefing - Pre-race briefing to include potential course changes and observable risks.	Management committee, Officer of the day, Commodore	Prior to race, regattas, club day events, training

					TINAROO SAI	LING CLUB		
Risk No.	Risk / Hazard	Risk Controls	Likelihood	Severity	Residual Risk Rating	Resources/Actions	Persons Responsible	Time- frame
2.	Fire or explosion on rescue boat resulting in personal injury to crew	The rescue boats must meet Transport Operations (Marine Safety) Act 1994 requirements. The rescue boat must carry fire extinguishers and first aid kits. Officer of the day must be trained in safe fuel handling. Fuel to be stored on shore in the dedicated fuel storage area. Smoking prohibited on or near vessels or fuel storage.	Rare	Moderate	Low	Regular maintenance and inspection of rescue boats. No smoking policy in boats and boat shed. Safe refuelling practices. Rescue boat - On water during racing. Starter's box - On station with clear vision of course.	Management committee, Officer of the day, Commodore	Inspect and safety check prior to use
3.	Seasickness of rescue boat personal resulting in not being able to provide effective rescue capabilities	Sailing conducted in enclosed waters.	Rare	Minor	Low	Rescue boat - Experienced sailors used for the crew of rescue boat to minimise seasickness. Radio back to starter's box with options to replace the crew member.	Management committee, Officer of the day, Commodore	Prior to race, regatta, club day events, training
4.	Collision of boat with submerged object resulting in personal injury or major damage to boat	Courses set to avoid known obstacles. Plan of sandbank obstructions published on clubhouse wall and in the Sailing Instructions*. Known obstacles discussed at briefing.	Possible	Moderate	Medium	Rescue boat - On water during racing and able to assist boats in distress.	Management committee, Officer of the day, Commodore	Prior to race, regatta, club day events, training
5.	Unforeseen severe weather changes (including squalls, electrical storms) resulting in sailors and officials being exposed during events or heading out to	Racing Rules of Sailing and the Club's Sailing Instructions provide for abandonment of races in such circumstances.	Possible	Moderate	Medium	Starter's box and Officer of the day to monitor Bureau of Meteorology (BoM) internet weather updates. Abandon races if considered unsafe. Courses may be shortened by the	Management Committee, Officer of the day, Commodore	Immediate action on discovery.

					VINAROO SA	TING CLUB		
Risk No.	Risk / Hazard	Risk	Likelihood	Severity	Residual Risk	Resources/Actions	Persons	Time- frame
		Controls			Rating		Responsible	
	event	Close monitoring of weather forecast by race committee. Races not started or abandoned if more than two wind gusts over 25 knots lasting more than five seconds each are experienced on the race course in a minute. Reinforces individual skipper's choice of whether to participate if conditions look beyond their boat's or crew's ability. Emergency procedures in place and communicated.				Officer of the day during races. Rescue boat - On water during racing. Sail craft - All craft are compliant with sailing requirements, personal flotation devices, the rescue boat is available to assist boats in distress.		
6.	Inexperienced or disabled boat(s) lose control or run aground and get into difficulties which require external assistance	The area of operation is such that the shores of the lake can be seen at all times. Communication with the rescue boat is available at all times. Welfare of sailors is a priority. Boats are retrieved later. Rescue boats in attendance for all races. Other boats to offer assistance where appropriate.	Likely	Minor	Medium	TSC Safety Management Plan, Item 5 Area of Operation. Rescue boat - On water during racing and available to assist boats in distress. Starter's box - On station with clear vision of course. Rescue boats carry radios and are in communication with starter's box on Channel 13. Access to a phone. Sail craft - All craft are compliant with sailing requirements, personal	Management committee, Officer of the day, Commodore	Immediate action required on discovery.

					VINAROO SAI	LING CLUB		
Risk	Risk / Hazard	Risk	Likelihood	Severity	Residual	Resources/Actions	Persons	Time-
No.		Controls			Risk Rating		Responsible	frame
7.	Failure to launch rescue boats as required, mechanical breakdowns or gear failure resulting in the rescue boat not being able to provide effective rescue capabilities	All rescue boats are maintained to high level. Requirements of Club's Safety Management System for Safety Vessels apply. Ensure that someone is on duty in the starter's box during racing. The area of the sailing course is such that the whole course can	Unlikely	Negligible	Low	flotation devices. Briefing - Pre-race briefing to include potential course changes and observable risks. Rescue boat – The club owns three boats and may substitute to a different craft. On water during racing with a licensed driver, crew includes an observer, all crew members wear personal flotation devices, first aid kit, tow line, safety tool kit and fire extinguisher, radio back to starter's box. Having more than one boat may also apply to other events at the discretion of the	Management committee, Officer of the day, Commodore.	Regular maintenan ce, inspect prior to use
		be seen at all times from the starter's box. There is availability of back-up rescue boat that can be deployed. All rescue boats carry radios and are in communication with starter's box on Channel 13. Races will not be held if properly staffed and equipped rescue boats are not available. All rescue boats are fully equipped with essential safety and rescue equipment. Conduct				event organiser and Commodore.		
		regular equipment checks						

						LING CLUB		
Risk	Risk / Hazard	Risk	Likelihood	Severity	Residual	Resources/Actions	Persons	Time-
No.		Controls			Risk Rating		Responsible	frame
		and replace as required.						
8.	Hypothermia, heat stroke, sunburn or dehydration to sailors and/or officials	Encourage sailors and race officials to wear suitable clothing for local conditions. Sailors and officials are responsible for personal sun safety and self-hydration.	Unlikely	Moderate	Medium	Australian Sailing Special Regulations Part 2 Off the Beach Boats ^{\$} . Sunscreen available in kitchen, water available in rescue boats. Rescue boat – On water during racing.	Sailors, Management committee, Officer of the day, Commodore	Club days
9.	Injury to officials, sailors or other water users from rescue and race official boat propellers	Propeller guards are installed on all rescue boats.	Unlikely	Major	Medium	Propeller guards installed on all rescue boats. Rescue boat – Access to a first aid kit, radio back to starter's box.	Sailors, Management committee, Officer of the day,	Regular maintenan ce

					VINAROO SAIL	LING CLUB		
Risk No.	Risk / Hazard	Risk Controls	Likelihood	Severity	Residual Risk Rating	Resources/Actions	Persons Responsible	Time- frame
						Starter's box - On station with clear vision of course.	Commodore	
10.	Personal injury to kayakers, paddle-boarders, swimmers following a collision with a competitor or official boat either on-course or heading to course	In all situations, boats manoeuvring near a shore or leaving or returning to shore are to exercise caution when in close proximity to members of the public. Skippers are responsible for safe navigation of vessel. Skipper and crew should keep adequate lookout for all vessels. Conduct skippers briefing.	Possible	Moderate	Medium	Rescue boat – On water during racing. Starter's box - On station during racing.	Management committee, Officer of the day, Commodore	Club days
11.	Insufficient supervision of participants in training exercises resulting in accidents or personal injury	Participants are always subject to close supervision when participating in training or coaching sessions. All training activities will be led by an Australian Sailing certified instructor or higher. TSC is an accredited Australian Sailing Discover Sailing Centre.	Possible	Moderate	Medium	TSC is an accredited AS Discover Sailing Centre. Instructor – Qualified and experienced. Rescue boat - On water during training. Starter's box - On station. Rescue boats are in communication with starter's box on Channel 13. Inexperienced sailors paired with more experienced sailors were possible, personal flotation devices, helmets. The rescue boat is available to assist boats in distress.	Management committee, Officer of the day, Commodore, sailing instructors	Club day events, training

Risk No.	Risk / Hazard	Risk	Likelihood	Severity	Residual Risk	Resources/Actions	Persons	Time- frame
INO.		Controls			Rating		Responsible	ITaille
12.	Failure to conduct pre- and post- event boat counts resulting in missing personnel	All participants in club events must nominate participation in the event. Starter's box uses these nominations to record finish times. Officer of the day advised of boats not finishing for safety check.	Unlikely	Minor	Low	Registration – An event registration is conducted each race day. Regattas are busier days and sailors are required to sign on and off each race. Rescue boat - On water during racing. Starter's box - Cross check finishing boats against sign on sheet.	Participants, starter's box, Officer of the day.	Pre- and post-race events
13.	Inadequately prepared or maintained boats that are not seaworthy or increase safety risks	Vessel masters are required to comply with Racing Rules of Sailing and AS Special Regulation Part 2 ^{\$} . Club dinghies maintained to high standard and routinely inspected and repairs completed.	Unlikely	Minor	Low	Racing Rules of Sailing [#] , AS Special Regulations Part 2 ^{\$} . Rescue boat - On water during racing.	Sailors, Management committee, Officer of the day, Commodore	Regular maintenan ce
14.	Personal Injury to selves or others as result of inexperienced sailors participating beyond their capacity	It is the sole responsibility of each boat to decide whether to start or to continue to race. RRS Fundamental Rule 3: (a) Crews should exercise caution in going onto the water in boisterous conditions or conditions heavier than they have experienced. (b) Crews should not go onto the water unless they are assured that assistance is at	Possible	Moderate	Medium	As above in Risk 13	Participants	Race, regatta, club day events, training

					TINAROO SAII	ING CLUB		
Risk No.	Risk / Hazard	Risk Controls	Likelihood	Severity	Residual Risk Rating	Resources/Actions	Persons Responsible	Time- frame
		hand in an emergency.						
15.	Entrapment under overturned dinghy or entanglement of crew in trapeze harness when underwater	For training sessions - the use of masthead floatation may be required for certain tasks but it is not mandatory and shall be employed by the lead instructor if deemed necessary.	Unlikely	Catastrop hic	High	DSC Operations Manual. Rescue boat - provision of safety tool kit, including safety knife and wire cutters on each rescue boat.	Officer of the day, Instructors	Club days
16.	Loss of communications resulting in not being able to provide effective rescue services	The area of the sailing course on Lake Tinaroo is such that the whole course can be seen at all times from the starter's box and club house and the loss of communication is over come by the use of back-up rescue boat.	Unlikely	Minor	Low	Rescue boat - Radio test back to starter's box as leaving the shore. All rescue boats equipped with VHF radio. Battery powered hand held radios provided where not fitted to boats. Mobile phones to be used as backup.	Officer of the day	Club days
17.	Improper use of launching and retrieval of rescue boats resulting in injury to race participants	Only suitably experienced personnel will be appointed to the Officer of the day role. Officers of the day are inducted by the Commodore as part of the Safety Management System for TSC Safety Vessels^.	Unlikely	Minor	Low	Safety Management System for TSC Safety Vessels^. Officer of the day inducted on safely launching and retrieval.	Instructors, Officer of the Day, Management committee	Club days
18.	Boat launching condition becoming slippery – risk of personal injury	Members to exercise care when launching and retrieving vessels.	Possible	Minor	Low	Assistance of bystanders is available.	Instructors, Officer of the day,	Club days

					TINAROO SAIL	ING CLUB		
Risk No.	Risk / Hazard	Risk Controls	Likelihood	Severity	Residual Risk Rating	Resources/Actions	Persons Responsible	Time- frame
							Commodore	
19.	Person falls overboard	Rescue boat in attendance for all races. Races monitored on Channel 13 by rescue boat and starter's box. Encourage skippers to conduct regular man overboard drills with crews. Rescue boat - Always ask passengers to sit when accelerating and hold on when in motion. Wear correctly fitting personal flotation devices at all times. Use kill switch safety lanyard on rescue boat.	Possible	Minor	Low	Rescue boat - On water during racing and able to render assistance. Spare kill switch safety lanyard accessible on rescue boat.	Rescue boat crew	Club days
20.	Death from drowning	Sailors and rescue boat crew to always wear correctly fitting personal flotation devices.	Rare	Major	Medium	Racing Rules of Sailing [#] , Australian Sailing Special Regulations Part 2 Off the Beach Boats ^{\$} Rescue boat - On water during racing.	Participants, Officer of the day	Club days
21.	Wind and wave conditions result in capsizes, personal injury or boats being unable to return to shore safely	Rescue boat in attendance for all races. Rescue boat driver trained for dinghy recovery. Other boats offer assistance where appropriate.	Likely	Minor	Medium	On course weather observations, Reliable, well serviced rescue boats, drivers trained in safe recovery.	Commodore, Officer of the day	Weather affected event during race, regatta, club day events, training

					TOUROO SAIL	ing CC		
Risk	Risk / Hazard	Risk	Likelihood	Severity	Residual	Resources/Actions	Persons	Time-
No.		Controls			Risk Rating		Responsible	frame
22.	Careless handling and laying of course marks and buoys may result in injuries	Rescue boat crew to use safe lifting techniques. Marks designed to be as easy and safe as possible to lay and retrieve.	Possible	Minor	Low	Rescue boat - On water during racing. Crew to assist in layout of marks.	Officer of the day	Pre -and post-race, regatta, club day events, training
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^{*} Sailing Instructions can be found at https://tinaroo.yachting.org.au/club-days/sailing-instructions/

^{*}Racing Rules of Sailing can be found at https://www.sailingresources.org.au/class-assoc/racing-rules/

^{\$} Australian Sailing Special Regulations Part 2 Off the Beach Boats can be found at https://www.sailingresources.org.au/safety/specialregs/

[^] Safety Management System for Tinaroo Sailing Club Safety Vessels can be found at https://tinaroo.yachting.org.au/club-days/duty-sailor-officer-of-the-day-role/



Section 2: PRE & POST SAILING EVENT/ACTIVITIES

Risk	Risk / Hazard	Risk	Likelihood	Severity	Residual	Resources/Actions	Persons	Time-frame
No.		Controls			Risk Rating		Responsible	
1.	Personal injury to sailors and public or property damage arising from persons passing through rigging areas	Requirements of Tinaroo Sailing Club's Safety Management Plan apply.	Rare	Minor	Low	Traffic pathways are established to encourage movement away from rigging areas.	Management committee	Pre and post race, regatta, club day events, training
2.	Equipment left lying around posing risk of injury to persons using area	Ensure good housekeeping by all persons at the Club. Pickup any items immediately. Club working bees to keep common areas clean.	Unlikely	Minor	Low	Mower and yard maintenance equipment.	Management Committee, Members	Working bees scheduled twice per year
3.	Placing heavy equipment and boats in storage racks resulting in injury or damage during retrieval	Assisted lift when storing boats or heavier equipment. Store the regularly used and heavier boats on the lower racks. Keep racks tidy and the area clear of debris and equipment.	Unlikely	Moderate	Medium	Sailors available to assist in loading.	Management Committee	Ongoing
4.	Spillage, fire, burns and property damage when fuelling the rescue boats	Rescue boats are refuelled prior to use when engines are cold and onshore. Rescue boats are manned only by experienced and licenced boat skippers. Training provided.	Unlikely	Minor	Low	Safety Management System for TSC Safety Vessels. Jerry cans with fuel funnels, fire extinguisher, lake water nearby.	Management committee, rescue boat crew	Prior to launching

					TINAROO	SAILING CLUB		
Risk No.	Risk / Hazard	Risk Controls	Likelihood	Severity	Residual Risk Rating	Resources/Actions	Persons Responsible	Time-frame
						First aid kits available.		
5.	Personal injury or property damage arising from rigging accidents e.g. such as falling masts, wire under tension, swinging booms etc	Owners ensure boats are kept in good order. Particular vigilance when rigging on windy days. Seek assistance when rigging to reduce risks.	Unlikely	Moderate	Medium	Sailors available to assist each other.	Boat owners	Pre and post race, regatta, club day events/ Training
6.	Theft or damage of participants boats or gear due to poor security or storage of equipment	Boat Storage agreement provides boat storage is at member's risk. All storage areas have locked gates or doors appropriately maintained- Level 2 keys only available to members with boats in storage.	Possible	Minor	Low	Locked storage sheds and compound. Partial external perimeter fencing, sheds contain racking.	Management Committee	Ongoing
7.	Dissatisfaction amongst sailors and potential legal exposure caused by race disputes and grievances	Sailing instructions clear about race committee and protest procedures. Ensure insurances and compliance kept up to date. Deal with issues in a timely fashion.	Rare	Moderate	Low	Racing Rules of Sailing, TSC Sailing Instructions	Management committee, Commodore	Ongoing
8.	Careless loading, unloading of course equipment may result in injury to	Rescue boat crew to use safe lifting techniques. Marks	Possible	Moderate	Medium	Storage facilities for equipment	Officer of the day,	Pre- and post- race, regatta, club day

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Risk No.	Risk / Hazard	Risk Controls	Likelihood	Severity	Residual Risk Rating	Resources/Actions	Persons Responsible	Time-frame
	officials and rescue boat crew	designed to be as easy and safe as possible to lay and retrieve.					Commodore	events, training



Vessel Maintenance Log

Safety Boats will be serviced at least annually. General inspection should be completed before every use and items of concern recorded here.

Grey Rib

Date	Issue	Reported by/to	Completed
11.9.20	20 HR Service BILLS MARINE		
29.6.21	100 HR Service BILLS MARINE		

Blue Rib

2.6.20	Service - W & M Campradt	
25.3.21	Service - Hi Tune Marine	
14.4.22	Service - Hi Tune Marine	

Yellow Boat

18.4.22	Hi Tune Marine	



Safety Management System Revisions

Safety management system revisions and annual review ledger				
Date	Revision made	Name/initials		



Some handy reminders for safety boat drivers!

- Slow is pro
- Space is ace
- People first, equipment later
- Count heads
- Crew at stern
- Always have a sharp knife at the ready
- One hand wheel, one hand throttle
- Kill cord safety lanyard always
- Radio check

Before engaging in assistance of another craft always ask.....

- Can you self-rescue?
- What assistance do you require?
- Is full intervention required? get the crew out of the water and take full control.



Attachment 1. Tinaroo Sailing Club - Safety Vessel & Equipment Checklist

Safety boat	
Skipper:	Date:
Crew 1:	Crew 2:
Each morning	
SCAN QR CODE - To check in and access "Saf	ety Management System for Safety Vessels"
Check boat condition	Code flags
Fuel tank - check level and re-fuel if necessary	Bungs
Turn on - check power	Anchor & chain - check connection
Check propeller and guard	Tow rope - check connection
First aid kit	Check bilge and bucket
Safety tool kit ■ Bolt cutter ■ Pliers ■ Screwdriver ■ Knife ■ Shackle key Start Up Procedure Check start engine ■ Attach kill cord safety lanyard prior to start up ■ Check tell tail flow ■ Check start up and emergency shut down ■ Check fuel line for leaks ■ Check tilt mechanism	Other safety items on board: Fire extinguisher Paddles PFD (Personal floatation device) Drinking water Spare kill cord safety lanyard Sign on check radio Radio check with starter's box CH13
On Matau Bus and was	
On Water Procedure	
Maintain station and keep watch on fleet	Monitor radio at all times
Attach kill cord always	Wear PFD while operating vessel
Monitor engine performance	Monitor weather
Shut Down procedure	
Check engine shut down	Check propeller and guard
Sign off radio check	Condition report to Commodore if necessary
Check fuel	



Attachment 2. Incident Register

Date of incident	Summary of incident	Incident report filed?	Risk assessment reviewed Yes / No	MSQ notified Yes / No



Attachment 3. Minor Incident Report Form

Date: Details of report author:	
Other party details:	
Describe the incident- what happened, when, where and how?	
What do you believe created the risk? What actions have you taken assist in the prevention of similar incidents?	
Risk Assessment	yes or no?
	yes of no:
Have similar incidents occurred in the past?	
Was a risk assessment carried out for this activity?	
Did the risk assessment highlight any concerns with this activity?	
Risk assessment reviewed?	



Attachment 4. Marine Incident Report Form



Marine Incident Report Transport Operations (Marine Safety) Act 1994

This is the approved form to report a marine incident in Queensland. A ship's master must report a marine incident to a shipping inspector within 48 hours of the incident taking place, except in cases where the ship is lost or presumed lost in which case the incident must be reported by the ship's owner. If the initial report is not in the approved form a further report must be submitted using this form at the earliest opportunity. You should fill in all fields that are applicable. This form, and all supporting documents, should be returned to a Maritime Safety Queensland office, the Queensland Police Service or a Queensland Boating and Fisheries Patrol Office. Penalties apply for failing to report a marine incident.

Incident description							
Position of incident							
Date Time Body of water/Landmark							
/ / am pm							
Location	Latitude Longitude						
☐ Inland waters (non-tidal) ☐ Smooth waters ☐ Partially s	mooth waters Offshore						
Type of incident							
Loss of ship 1 of the loss are unknown. If the ship and on the next page. Incident Severity Rating Fatality Number of persons Of the loss are unknown. If the ship and on the next page. Serious injury 2 Number of persons	Grounding: Other incident: unintentional person hit by propeller or ship water skiing incident parasailing incident diving incident diving incident crushing or pinching other onboard incident other onboard incident other incident caused by the operation of the ship acted where the ship has disappeared and the location and circumstances or is an economic write-off this should be check marked as 'Ship lost' below Ship lost 3 Damage to property only 4 Ship damaged No damage						
Environmental conditions Weather Clear Hazy Cloudy Rain Flood Water conditions Calm Choppy Rough Very rough Stroe Wind speed	Weather Visibility Clear Hazy Cloudy Rain Flood Good Fair Poor Water conditions Calm Choppy Rough Very rough Strong current or tidal flow Swell height (metres) Wind speed None Light (1-6kts) Moderate (7-15kts) Strong (16-33kts) Gale (>33kts) Wind coming from						
Number of ships involved Note: if more than two ships	were involved attach details on a separate page.						
Own ship	Other ship						
Name of ship	Name of ship						
Official registration number Registering authority	Official registration number Registering authority						
Length (metres) Beam (metres) Year built	Length (metres) Beam (metres) Year built						
Number of passengers on board Number of crew on board	Number of passengers on board Number of crew on board						
Registration type	Registration type						
☐ Commercial passenger ☐ Commercial fishing ☐ Commercial non-passenger ☐ Commercial hire and drive ☐ Queensland Regulated ship	☐ Commercial passenger ☐ Commercial fishing ☐ Commercial non-passenger ☐ Commercial hire and drive ☐ Queensland Regulated ship						
Additional information for commercial vessels: Commercial ve- passenger vessels must also attach a copy of the passenger manif							
Office use only	Described by						
Caseman number:	Received by (full name): Received on: / /						
Cor	ntinued over page Page 1 of 4 TRB Forms Area Form F3071 CFD V01 Aug 2016						



Ships involved - continued	
Own ship	Other ship
Ship description	Ship description
☐ Motorboat ☐ PWC ☐ Rowing boat	☐ Motorboat ☐ PWC ☐ Rowing boat
☐ Sailing boat ☐ House boat	Sailing boat House boat
Other (describe)	Other (describe)
Engine	Engine
Outboard Inboard (petrol) none	Outboard Inboard (petrol) none
☐ Inboard/outboard ☐ Inboard (diesel)	☐ Inboard/outboard ☐ Inboard (diesel)
Other (describe)	Other (describe)
Number of engines Total engine power	Number of engines Total engine power
HP KW	HP]
KW	KW
Hull material	Hull material
Steel Timber Ferro-cement	Steel Timber Ferro-cement
☐ Marine alloy ☐ Fibreglass/GRP	☐ Marine alloy ☐ Fibreglass/GRP
Other (describe)	Other (describe)
Damage to ship	Damage to ship
☐ Ship lost ☐ Moderate damage (damaged but	☐ Ship lost ☐ Moderate damage (damaged but
☐ Major damage ship remains seaworthy)	☐ Major damage ship remains seaworthy)
(ship unseaworthy) Minor damage No damage	(ship unseaworthy) Minor damage No damage
People involved	
Own ship	Other ship
Ship owner's details	Ship owner's details
Owner's name	Owner's name
Dedicated according to the control of the control o	Dedicated access as been forced to a constant and the con
Dedicated person ashore/operations manager (commercial only)	Dedicated person ashore/operations manager (commercial only)
Telephone (business hours) Telephone (after hours)	Telephone (business hours) Telephone (after hours)
Address	Address
Email address	Email address
Master's details	Master's details
Master's name	Master's name
Gender Date of birth	Gender Date of birth
Male Female / /	Male Female / /
India Penale / /	Linuis Linuis Linii
Licence type and grade (for example, Master 5)	Licence type and grade (for example, Master 5)
Licence number Issuing authority	Licence number Issuing authority
	Leave date
Issue date Expiry date (if applicable)	Issue date Expiry date (if applicable)
Telephone (business hours) Telephone (after hours)	Telephone (business hours) Telephone (after hours)
Address	Address
Address	Address
Email address	Email address
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Persons involved - continued	
Own ship	Other ship
Watchkeeper/person at the helm	Watchkeeper/person at the helm
Role	Role
Crewmember Passenger Master (details as above)	Crewmember Passenger Master (details as above)
Name	Name
Gender Date of birth	Gender Date of birth
Male Female / /	Male Female / /
Licence type and grade (for example, Master 5)	Licence type and grade (for example, Master 5)
Electrice type and grade (for example, waster 5)	Electice type and grade (for example, master o)
Linear market	Lisana austra
Licence number Issuing authority	Licence number Issuing authority
Issue date Expiry date (if applicable)	Issue date Expiry date (if applicable)
Telephone (business hours) Telephone (after hours)	Telephone (business hours) Telephone (after hours)
Address	Address
Email address	Email address
Witnesses Note: attach name and complete contact details of any witnesses to the in Deceased or injured person Note: if more than two people deceased or injured attach details on a sepa Name Gender Male Female Date of birth Address Telephone Which ship was this person associated with?	
Deceased or injured person	
Name	Injury status
	Fatality Missing person Serious injury 5 minor injury
Gender Date of birth	Nature of injury Name of hospital
Male Female / /	
Address	Activity of injured or deceased person
	Person in charge (Master) Surfboard/surf-ski rider
	Person at helm Swimmer
Telephone Which ship was this person associated with?	☐ Crew ☐ Para-flier ☐ Diver ☐ Diver
	Water-skier Other
law.	who have an interest that justifies access to the register, including people proposing



Report details

A **full description** (including a diagram or chart extract) of the incident and events leading up to the incident are to be detailed in the space provided below (if insufficient space, please use separate pages, each extra page that is used is to be signed).

N				
N				
1				

Owner's/Master's report	
Assistance rendered/received at incident	
Name, status and phone number of person who assisted in completion of form (if applicable)	
Signature (Owner/Master)	-
Owner/Master name (please print)	Page 4 of 4 TRB Forms Area Form F3071 CFD V01 Aug 2016