

Hazards associated with the RIB



Hazards	Barriers	Hazardous events	Controls ⁱ
Strong wind and tide also rough water during launching in the harbour	<ul style="list-style-type: none"> • Rib driver takes command • Assistance from other crew or helpers • Delay/cancel launching • Ensure competent launch drivers PB2 trained and experienced launch driver 	Injuries and damage due to inability to control boat in the launch area	<ul style="list-style-type: none"> • First aid treatment • Check equipment for damage • Mark and quarantine damaged equipment
Strong wind and tide also rough water during recovery in harbour	<ul style="list-style-type: none"> • Rib driver takes command • Assistance from other crew or helpers • Ensure that everyone involved is competent and capable of performing the task • Delay/cancel launching • Use competent launch drivers • Ensure PB2 trained and experienced launch drivers 	Injuries and damage due to inability to control boat in the launch area	<ul style="list-style-type: none"> • First aid treatment • Check equipment for damage • Mark and quarantine damaged equipment
Anglers on the harbour wall or in boats	<ul style="list-style-type: none"> • Avoid areas where angling is expected • Coach launch driver to be aware of and avoid the hazard • Liaise with harbour users 	Entanglement with fishing lines and nets	<ul style="list-style-type: none"> • Cut fishing lines • First aid treatment • Check boat for damage, etc.
Commercial fishing boats	<ul style="list-style-type: none"> • Avoid areas of know net-lines and lobster pot markers • Coach launch driver to be aware of and avoid hazards • Liaise with harbour users 	Entanglement with nets, markers and lines	<ul style="list-style-type: none"> • Cut away obstruction • Mark and quarantine damaged equipment

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<p>Incompetent or ignorant motor boat users</p>	<ul style="list-style-type: none"> • Avoid areas where this can be experienced • Note the identity of the boat and notify the Navigation Authority to prevent further occurrences 	<p>Collision</p>	<ul style="list-style-type: none"> • Seek assistance from coastguard • Mark and quarantine damaged equipment • Treat with first aid • Safety at sea equipment in boat: <ul style="list-style-type: none"> ○ VHF radio ○ Life jackets/buoyancy aids ○ Signalling smoke and flares ○ Throw – line ○ Rope knife ○ Survival bag ○ First aid kit ○ Fire extinguisher
<p>Commercial shipping such as fishing boats, pleasure boats</p>	<ul style="list-style-type: none"> • Particular care taken at harbour entrance, key side areas and moorings where large vessels operate • Be prepared to take action to avoid collision • Keep a good look out • Ensure the RIB driver is PB 2 qualified and has a thorough knowledge of collision regulations 	<p>Collision</p>	<ul style="list-style-type: none"> • Potential injury to crew • Seek assistance from Coastguard • Treat with first aid
<p>Hot and sunny weather</p>	<ul style="list-style-type: none"> • Wear appropriate clothing (hat and covered arms and legs) 	<p>Hyperthermia (sun stroke)</p>	<ul style="list-style-type: none"> • Seek medical assistance • Move to cooler area

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	<ul style="list-style-type: none"> • Use water for cooling 		<ul style="list-style-type: none"> • Use shower with cool, not cold water
	<ul style="list-style-type: none"> • Use sun cream • Wear appropriate clothing (hat and covered arms/legs) 	Sunburn	<ul style="list-style-type: none"> • Use after sun cream • Seek medical treatment if severe
	<ul style="list-style-type: none"> • Carry water and drink regularly 	Dehydration	<ul style="list-style-type: none"> • Continue to drink and carry water
Cold weather	<ul style="list-style-type: none"> • Wear appropriate clothing • Monitor crew comfort • Shortened outing if needed • Carry safety at sea equipment (including thermal blanket/bag) 	Hypothermia	<ul style="list-style-type: none"> • Return to harbour and warm gradually • Provide warm (not hot) drink • Seek medical treatment if severe or in doubt
Strong winds and rough water	<ul style="list-style-type: none"> • Coach good seamanship • Avoid holding launch in unstable position • Avoid going afloat 	Man overboard from Rib	<ul style="list-style-type: none"> • Teach MOB procedure • Recue with boat • Treat with first aid • Seek coastguard assistance • All crew to wear lifejackets/buoyancy aid • Kill-cord fitted • Safety at sea equipment available: <ul style="list-style-type: none"> ○ VHF radio ○ Life jackets/buoyancy aids ○ Signalling smoke and flares ○ Throw – line ○ Rope knife

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			<ul style="list-style-type: none"> ○ Survival bag ○ First aid kit ○ Fire extinguisher
	<ul style="list-style-type: none"> ● Restrict operation to sheltered areas ● Experienced competent PB2 qualified launch drivers 	Man overboard from Gig	<ul style="list-style-type: none"> ● Rescue with safety boat ● Teach MOB drill ● Carry throw line and life ring ● Seek coastguard assistance ● Treat with first aid ● Wear lifejackets or buoyancy aid ● Safety at sea equipment available ● Kill-cord fitted
	<ul style="list-style-type: none"> ● Avoid being upwind of hazards (e.g. Broad Ledge) ● Keep a good look out ● Experienced competent PB2 qualified launch drivers ● Local knowledge and Nav plans ● Two-man crew 	Blown onto shallows rocks or other hazardous obstructions	<ul style="list-style-type: none"> ● Safety at sea equipment available ● Call for assistance, carry VHF radio/mobile phone ● Kill cord fitted
	<ul style="list-style-type: none"> ● Use anchor to hold position ● Move to sheltered area 	Drifting in strong winds (engine failure)	<ul style="list-style-type: none"> ● Carry a tow rope for being towed to safety
Lightning	<ul style="list-style-type: none"> ● Avoid operating when lightning is present or forecast ● Return ashore ASAP if lightning starts ● Adopt the 30 – 30 rule on lightning ● Train launch operators to check 	Struck by lightning causing burns and/or electrocution	<ul style="list-style-type: none"> ● Treat with first aid and call for medical attention ● Seek assistance from coastguard

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	<p>weather forecast before going afloat</p> <ul style="list-style-type: none"> • Teach operators 30 – 30 rule 		
<p>Poor visibility caused by fog or heavy rain</p>	<ul style="list-style-type: none"> • keep good look out • Local knowledge • Know and understand the lights and sound signals on navigation aids • Avoid operating in poor visibility • Follow the “rules of the road” 	<p>Collision with land or other fixed object</p>	<ul style="list-style-type: none"> • Train crew what to do if boat or equipment is damaged • Carry safety at sea equipment (VHF radio, mobile phone, signalling smoke/flares) to contact/attract emergency services • Have trained first aiders available
	<ul style="list-style-type: none"> • Coach support crew to keep good look out • Local knowledge • Use the appropriate sound and lights signalling equipment • Know and understand the lights and sound signals on navigation aids • Avoid operating in poor visibility • Follow the “rules of the road” 	<p>Collision with another boat</p>	<ul style="list-style-type: none"> • Train crew what to do if boat or equipment is damaged • Carry safety at sea equipment to contact emergency services • Have trained first aiders available
<p>Poor visibility due to fog or heavy rain</p>	<ul style="list-style-type: none"> • Avoid operating in poor visibility 	<p>Inability to find way back to launch area</p>	<ul style="list-style-type: none"> • Use radio or other means to contact navigation authority or club • Carry safety at sea equipment: <ul style="list-style-type: none"> ○ VHF radio ○ Life jackets/buoyancy

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Poor visibility caused by darkness	<ul style="list-style-type: none"> ● Avoid operating in the dark ● Spot lights available ● Local knowledge 	Collision with land or other fixed objects	<ul style="list-style-type: none"> ● Train crew what to do if boat or equipment is damaged ● Carry safety at sea equipment to contact emergency services ● Have trained first aiders available
	<ul style="list-style-type: none"> ● Fit and use navigation lights (check they are working) ● Avoid operating in the dark ● Spot lights available ● Local knowledge 	Collision with another boat	<ul style="list-style-type: none"> ● Train crew what to do if boat or equipment is damaged ● Have safety boat and throw line available to rescue crew and recover boat ● Carry safety at sea equipment to contact emergency services ● Have trained first aiders available
Steering failure	<ul style="list-style-type: none"> ● Check equipment before going afloat ● Defect/maintenance log ● Carry tools and fix fault 	May struggle to recover to launch area	<ul style="list-style-type: none"> ● Train crew what to do if boat or equipment is damaged ● Carry VHF radio/mobile phone to contact emergency services ● Carry anchor

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			<ul style="list-style-type: none"> • Carry extra clothing, drinking water, radio to call for assistance • Have trained first aiders available • Mark and quarantine faulty item • Record in defect/ maintenance log • Tow with Gig
	<ul style="list-style-type: none"> • Check equipment before going afloat • Rib driver to check equipment • Carry tools to fix the fault 	Collision with land, another boat or a solid object	<ul style="list-style-type: none"> • Train crew what to do if boat or equipment is damaged • Have safety boat and throw line available to rescue crew and recover boat • Carry safety at sea equipment to contact emergency services • Carry anchor • Carry extra clothing, drinking water, radio to call for assistance • Have trained first aiders available • Record in defect/maintenance log • Mark and quarantine fault equipment
RIB driver with health condition	<ul style="list-style-type: none"> • Medical declaration required (held by membership secretary) • Ensure Rib crew know of the condition so that appropriate 	Medical incident afloat	<ul style="list-style-type: none"> • First aid treatment • Seek medical treatment • If necessary, seek assistance from coastguard, navigation

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	<p>action can be taken to prevent an incident</p> <ul style="list-style-type: none"> • Carry the appropriate preventative medicines • Do not go afloat alone 		authority or ambulance
Crew member with asthma	<ul style="list-style-type: none"> • Ensure that an inhaler is carried and used when appropriate • Medical declaration required (held by membership secretary) • Ensure Rib driver knows of the condition so that appropriate action can be taken to prevent an incident 	Asthmatic incident afloat	<ul style="list-style-type: none"> • Recover to harbour and bring casualty ashore • First aid treatment • Seek medical assistance • If necessary, request medical assistance from ambulance or coastguard
Crew member with diabetes	<ul style="list-style-type: none"> • Ensure the appropriate food and medicines (if necessary) are available • Medical declaration required (held by membership secretary) • Ensure Rib driver knows of the condition so that appropriate action can be taken to prevent an incident 	Diabetic incident afloat	<ul style="list-style-type: none"> • Recover to harbour and bring casualty ashore • First aid treatment: <ul style="list-style-type: none"> ○ Conscious casualty and can swallow – give glucose tablets/sugary drink sweet food ○ Unconscious casualty – open airway and check for breathing. Resuscitate if necessary; place casualty in recovery position • Take food and medicines as appropriate

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			<ul style="list-style-type: none"> • Seek medical assistance • If necessary, request medical assistance from ambulance or coastguard • Ensure that there another crew member in the RIB who can assist
Crew member other known medical condition	<ul style="list-style-type: none"> • Carry appropriate items 	Medical incident afloat	<ul style="list-style-type: none"> • Bring casualty ashore • First aid treatment • Seek medical assistance • Ensure that there is another crew member in the RIB who can assist • If necessary, request medical assistance from ambulance or coastguard
Flue/viral infection	<ul style="list-style-type: none"> • Discourage RIB driver/crew from going afloat to prevent disease spreading or worsening 	Medical incident afloat	<ul style="list-style-type: none"> • Bring casualty ashore • Seek medical attention
Engine failure	<ul style="list-style-type: none"> • Check equipment before going afloat • Regular equipment inspection and maintenance • Carry tools and spares and fix the engine • Carry sufficient fuel 	Collision with land, another boat or a solid object or cannot return to harbour (swept out to sea)	<ul style="list-style-type: none"> • Mark and quarantine fault equipment • Defect/maintenance log • Train crew what to do if boat or equipment is damaged • Carry safety at sea equipment to contact emergency services • Carry anchor • Carry extra clothing, drinking

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			<ul style="list-style-type: none"> water, radio to call for assistance • Have trained first aiders available
Fuel spillage afloat	<ul style="list-style-type: none"> • Segregation of fuel tank from electrical circuits • Stop engine • Clean-up spilt fuel and make safe before starting 	Fire incident on board	<ul style="list-style-type: none"> • Use fire extinguishers to extinguish fire • Abandon the RIB into the water and rescue the crew with a gig • Fire extinguisher carried • Crew trained in extinguisher use • Safety at sea equipment carried • Treat with first aid • Return to launch point or tow to nearest safe landing area • Replenish fire appliances • Quarantine damaged equipment • Crew trained in appliance use • Seek assistance from emergency services if required

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- **Coaches and coxes to encourage a positive safety culture within the club**
 - **Report all incidents**