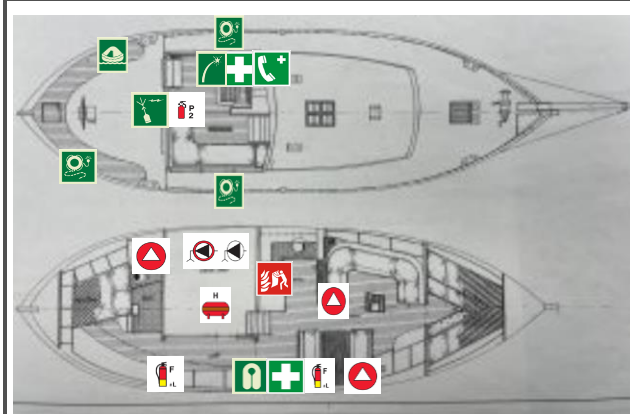




Safety on Board

- > Take responsibility for yourself and others.
- > Know your limits. A boat is no place for heroes.
- > Be curious. The more you learn on board, the safer you are.

- > Stay alert and communicate a lot. See it, say it, sorted!
- > Follow the instructions of the crew in charge at all times.
- > Dress for the weather. Use safety gear as instructed.



- Automatic Novec 1230 fire extinguishing system
- Powder fire extinguisher for outside use
- Foam fire extinguisher for inside use
- Fire blanket
- Gas / CO2 sensor
- Lifevests & Lifelines
- MOB lifesaver
- Liferaft
- Distress equipment
- Bilge system
- Medical equipment
- VHF Radio
- EPIRB (not in NL waters)

Explosion, Fire

Explosion and fire are the biggest danger on Avventuriera. We have diesel, propane and kerosene (paraffin oil) on board and cook on open flames. A lot of wood and other flammable materials were used in the construction of the ship. The fire-fighting equipment is laid out in consequence. Let's be cautious so we don't need it.

Prevent	Cope
<ul style="list-style-type: none"> > Get to know the fire equipment. > Don't smoke. > Avoid open flames. > Keep the gas system shut. > Test the gas sensors regularly. > Handle combustibles safely. > Watch out for heat & fumes. 	<ul style="list-style-type: none"> > Shut down the fire source. > Stop/stabilize the boat. > Try to put out the fire. > Check on the crew. > Assess damages and risks. > (Issue PANPAN / MAYDAY.) > (Prepare to abandon ship.) > Cool down the fire source. > Evacuate fumes. > Plan further route.

Person Over Board ("MOB")

A person going overboard is a dramatic and dangerous event for any boat and crew. Especially in cold water and tough weather conditions, an "MOB" situation quickly becomes life-threatening. The keys to avoiding the worst are a well-equipped casualty, immediate notice of the MOB when it happens, and a crew that is trained.

Prevent	Cope
<ul style="list-style-type: none"> > Do drills. And then some. > Check MOB systems regularly. > Wear a lifevest. > Tether lifeline in rough weather. > Tether lifeline when seasick. > Avoid going on deck alone. > Know the crew's whereabouts. 	<p>As MOB</p> <ul style="list-style-type: none"> > Get your head above water. > Breathe. Breathe. Breathe. > Check lifevest and light. > Try to stay calm. <p>As crew</p> <ul style="list-style-type: none"> > Yell PERSON OVER BOARD. > Yell side: PORT or STARBOARD. > Save the MOB position. > Throw lifesaver if in reach. > Point an arm to the casualty. > Follow the instructions.

Collision, Running Aground, Water Ingress

Avventuriera's steel hull is very robust, she has closed-circuit cooling systems without seacocks for the motor and generator, and a strong bilge pump system. Still, a technical failure, a collision with another object or running aground because of imprecise charts or navigation errors can create leaks that require emergency action.

Prevent	Cope
<ul style="list-style-type: none"> > Plan each trip thoroughly. > Check the seacocks. > Activate the bilge pump. > Navigate with clarity. > Keep a good lookout. > Watch the AIS and radar. > Listen to VHF channel 16. > Talk to other boats early. 	<ul style="list-style-type: none"> > Steer clear if you can. > Stop/stabilize the boat. > Check on the crew. > Start pumping. > Locate and assess leaks. > Try to stop the leaks. > Assess other damages. > (Issue PAN PAN / MAYDAY.) > (Prepare to abandon ship.) > Plan further care and route.

Injury & Sickness

A boat is a tough place to be in. The crew is constantly exposed to elements. The boat rocks and rolls, and there are numerous tripping hazards and objects you can hurt yourself against. And then there's sea sickness and both physical and mental exhaustion. The challenges these pose to the crew needs to be addressed individually and collectively.

Prevent	Cope
<ul style="list-style-type: none"> > Eat and hydrate well. > Get enough rest. > Drink alcohol responsibly. > Take sea sickness pills. > Use skin protection. > Cook in long pants and shoes. > Wear shoes or boots on deck. > 1 hand for you, 1 for the boat. > Keep your hands clear. > Watch and warn others. 	<ul style="list-style-type: none"> > Get casualties to a safe place. > Stabilize the boat. > Designate caretaker(s). > Assess casualties' status. > Give casualties first aid. > Check on next of kin & crew. > (Get telemedical advice TMAS.) > (Issue MAYDAY.) > (Plan the evacuation.) > Reorganize the crew. > Plan further care and route.