

Scientific Diving

Procedures:

Before a diving expedition:

- You must follow the indications and instructions of the technical and scientific staff at the Station's Diving Base.
- Once in the boat, you will need to follow the captain's orders.
- To join a diving expedition, you must write your name on the list posted at the Diving Base at least one day in advance (up until 8:00 PM), in order to be able to plan accordingly.
- Eat a light meal before the trip, or simply do not eat at all.
- Arrive to the Diving Base at least 30 minutes before your time of departure.
- The equipment must be assembled and checked (the pressure of both tanks, etc.) at the Diving Base.
- Leave all of the equipment that you will need for two dives in your personal box and make sure that it is on board when the boat sets sail.

- Pitch in with the organization of moving the equipment to the dock and loading the boat, according to the captain's orders.
- Help organize the boat to leave the dock, always while following the captain's orders.

On board:

- Follow the captain's orders.
- Report any behavior in the event of an emergency.
- The boat is tethered to the buoy at the dive site and the divers need to get dressed.

Make sure to help each other out with the equipment!

On and under the water:

- Follow the group leader's orders and always stay with your partner.
- The groups come together on the surface and dive under upon the signal of the group leader.

- All group members stay within sight of the leader during the entire duration of the dive.
- If you use lights to dive, never shine these directly into someone's face.
- The rule for collecting samples of marine organisms is simple:

Only collect what is absolutely necessary!

- Always keep a reasonable distance away from the features of the landscape to avoid accidentally touching organisms or kicking up sediment (careless bumps with your fins).

In case of emergency:

- If you become lost from your partner, you must:
 - Look for your partner for one minute, and then go up to the surface immediately as fast as you can, while always keeping up with security according to your dive profile.
 - Look for your partner on the surface.

- If you do not find your partner on the surface, return to the boat immediately to wait for them there.
- All divers must return to the boat immediately in the following events:
 1. Your partner is not on board.
 2. Your partner cannot be spotted from the boat.
 3. Your partner needs first-aid treatment immediately.

The signal for all divers to go up to the surface and return to the boat is a very noticeable sound from the boat (the engine revving up or repeated taps on the helmet).

The rule is:

To surface as quickly as possible, but slow enough as to avoid any accidents associated with decompression.

- Once all divers are on board, the emergency procedure must be implemented according to what is indicated on the sign located on the emergency oxygen box. You will also find a radio there to notify the Station.

- **Channel 16 is the emergency channel!**

After a dive:

- Organize your diving equipment so that it is not in the way while sailing. Help others with their equipment.
- Help organize the boat, always while following the captain's orders.
- Help out with the organization of moving the equipment while on the dock to return it to the Diving Base.
- All equipment must be washed carefully with running water after the dive, and the equipment belonging to the Diving Station must be returned to the staff.
- All lights must be washed and handed over to the Station's staff.
- Empty tanks must be hung up next to the compressor in the compression room.
- You must wait three hours after your last dive before using the sauna.
- Defects or problems with the rental equipment must be reported immediately to the Huinay Scientific Station staff.