Disconnection of the logger, the sensor body, and strainer
Battery remplacement and insertion of SIM card

Instrumented Buoys

Instruction Guide

Disconnection of the logger, the sensor body, and strainer

1. Remove the body of the sensor from the data logger

Hold the logger with one hand (indicated above by the red arrow), and unscrew delicately the body of the sensor with the other hand.

2. Remove the strainer from the sensor body

Hold the body with one hand (indicated above by the red arrow), and unscrew delicately the strainer with the other hand.

3. Reassemble the sensor body to the data logger

Delicately put back the logger with the body sensor using the aligment notch (indicated above by red circles). Then screw back the two parts.

Procedure for inserting the SIM card

1. Inserting the SIM card

<u>Precautions before unsettling the data logger:</u>

The device contains components that can be damaged or destroyed by electrostatic discharges.

Unload the body from electric charges before opening and handling the device. To do so, touch a grounded surface, such as the metal casing of an electrical cabinet.

Throw the dehydrating bags if they have a green color, and add 2 new orange bags.

Our sensors and loggers with modem GSM/GPRS/3G need a SIM CARD to work.

<u>The following stages must be respected to assure the good functioning of the data logger :</u>

The sensor must be in standby mode (no connection with our software Avelour, by radio or USB) for the modem to recognize the sim card.

1 – Unscrew the protection ring and remove slowly the lid by the top.

It is imperative not to leave the sensor open too long (max 2 min) the desiccant bags may absorb too much moisture and do not fulfill their role thereafter (condensation).

2 - Insert the SIM card (beveled edge side up). Before closing the cover lid, preload the antenna cable by unscrewing of a turn.

3 - Place the lid back (mind the notch) on the threads and screw back the ring to the end.

Operating guidelines for environment sensors and loggers

1- Procedure for changing the battery

1 - Unscrew the cover and disconnect the antenna cable.

2 - Remove the battery from its housing and disconnect. Press several times on the push button until the LED stop lighting up. throw away the desiccant bags present in the sensor if they are green)

3 - Connect the new battery (the connector is keyed).

At restart, the indicator light has to flash Red/Green,

then the light has to flash green every 10 seconds

4 - Insert the the new desiccant bags on the side of the battery, reconnect the antenna to the connector until you hear a click.

5 – Place the lid to the logger body using the aligment notch, screw back the ring to the end.
Mind to the positioning of the antenna.

6- Tell the software you have done a battery change by connecting with the software Avelour to your sensor

General Menu

> Action

> Notify battery changed

Replacement batteries should not be subjected to temperatures above 25 ° C (degradation of their capacity).
In the event that spare batteries has to be stored for several weeks, it is advisable to store them upright in a cool place (eg refrigerator).