

## FRESHWATER MONITORING BUOY

### To be set up in continental waters

Equipped with multiparameter sonde  
Data transmission: 3G/4G  
Option: hydrocarbon sensor

### Technical data

- Total height: 1,2m
- Total weight: 10kg
- 3 floats
- Metallic structure

### Application cases

- Monitoring of wastewater treatment projects
- Protection perimeter
- Aquaculture



## SMALL FLOAT

Buoys for sheltered coastal areas and fresh water  
20L float

Option: Navigation lights and St. Andrew cross  
Designed for easy maintenance without any tool.  
Well protected against biofouling risks.

### Technical data

- Total height: 1,7m
- Total weight: 20kg



## MEDIUM COASTAL BUOY

Equipment on a removable pole  
600-liters float

Option: Navigation lights and St. Andrew cross

Data transmission: 3G/4G

Easy maintenance

Well protected against biofouling risks

### Technical data

- Total height: 3,5m
- Total weight: 170kg
- Diameter: 1,2m
- 2 meters draught, 2 meters air draft

### Application cases: Monitoring of maritime works

- Harbour's extension
- Demolition of harbour structures
- Dykes construction
- Dredging monitoring





**WE DEVELOP AND MANUFACTURE CUSTOMIZED BUOYS**



**Our base model includes:**

- buoy controller
- power supply
- data transmission (3G/4G, iridium) and a site-specific float

**Available options:**

- **METOCEAN measurement:** wind and swell
- **Marine current measurement:** ADCP, single-point current meter
- **Positioning:** GNSS
- **Site-specific mooring line**
- **Water quality measurement with our WiMo sonde:** surface and bottom measurements (by acoustic transmission)

**Application case**

**Saint-Brieuc wind farm**

**Objectives:**

- To monitor the impact of maritime works on the marine environment (i.e. turbidity)
- To provide METOCEAN information (wave, wind, sea current, sea temperature) to maritime operators.

**Custom configuration:**

- 8 x 7500 L buoys, each connected to 1 bottom instrumented cage
- 3 Buoys measure weather data and 5 buoys measure turbidity.

