



ETM
INNOVATION

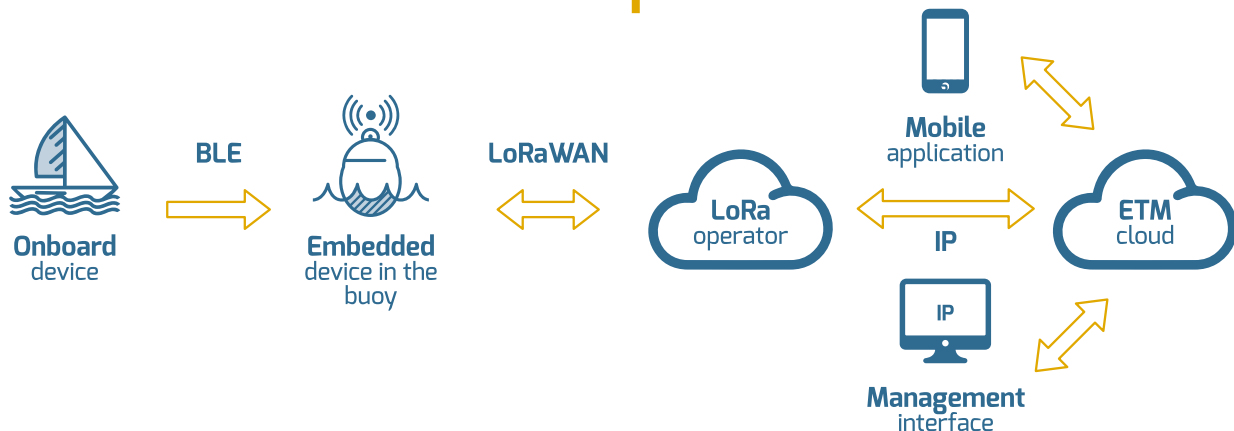
DYNAMIC MANAGEMENT OF AN ANCHORING PARK



Increase in carrying capacity
without increasing the
number of moorings
-
Customized response with
short and long term rentals due to
constantly increasing demand
-
Easy to use booking portals and
equipment maintenance service



Tailoring to the IT environments of
harbor master offices
-
Mobile app for
boaters
-
Real-time information
on natural behavior
and boat movements



Specialized in mooring systems for 20 years, ETM has thought, designed and developed an innovative mooring system. In the era of the pooling of goods, data intelligence and a strong desire to protect biodiversity, it has become necessary to rethink the technique, the use and even the management of recreational moorings.

A NEW WAY OF MANAGING RESERVATIONS

A service which is easy to use and constant communication with the mooring

A management and administration portal in harbor office

- Adapted, scalable and customizable service
 - Mapping of all mooring areas and associated functionalities
 - Dashboard and economic analysis of the mooring fleet
-

A mobile application

- Identification of free mooring spaces
 - Booking request and direct payment
 - Ease to use, location reservation and boat monitoring
 - Notifications on request status, location, boat rental, mooring and weather
 - Alerts sent directly to the harbor master's office
-

An online booking portal

- Tailored anchorage rental: long / medium and short duration
- Booking request and direct payment
- Monitoring notifications and alerts



THE CONNECTED BUOY

An embedded intelligence system



Patent filing / 1903271 



ARCACHON
SALON
NAUTIQUE

INNOVATION AWARD
Arcachon Boat Show 2019



- 1 million lines of information processed each day by buoy
- Recording of movements via SD card
- Monitoring by Artificial Intelligence (AI) of the buoy behavior
- Calculation of the boat-buoy distance
- Permanent analysis of operating parameters
- Updating information in real time
- Various alarms: temperature, hydrometry, failure
- Tide and bad weather notifications
- Rapid alert and localization of the boat in the event of theft or drift
- Optimization of surveillance teams at sea
- Notifications regarding the mooring area and the boat area
- Tourist and environmental information

MOORING ROD AND STONE ANCHOR

Respect for the seabed and the work of men

- System in adaptation to environmental movements
- Respect for marine biodiversity

A unique sliding system on two cables

Patent filing / 1870161 

The guide wire is tensioned by a sub-surface float. Its length equals the amplitude of the drawdown. The sliding cable connected to the surface by the buoy is kept in tension by a counterweight mass.

The rod

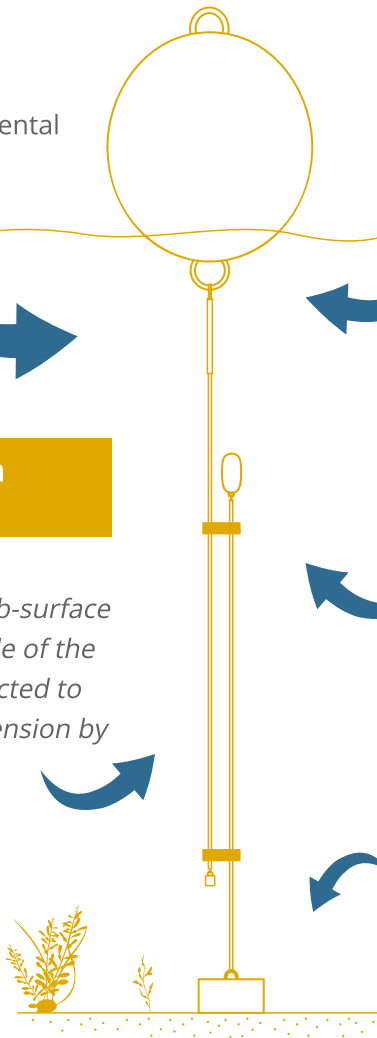
Patent filing / 1770548 

- Full length sheathing
- Eye on each side for shackle recovery
- Marine grade stainless steel
- Removable and replaceable

Stone anchor

- Tidal compensation
- Reduced vibration nuisance
- Optimization of transport and storage on land as on maritime work barges

- Mechanical damage linked to the action of the chain on the ground eliminated
- Reduced footprint: elimination of the "rage" phenomenon





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