APPLICATIONS

- Environmental monitoring.
- Maritime signaling.
- Aquaculture.

KEY FEATURES

- Polyethylene and internal metal structure construction.
- Resistant.
- Non-degradable to the marine environment or solar radiation.
- In submersible: filled with closed cell polturethane.
- Equipped with a aluminum frame.
- Easy installation.
- IALA standars.
- Localizations module available in case of lost due to rupture of the mooring.
- Compatible with Smartyplanet.

July 2017

SP800 Buoy for maritime signaling, aquaculture and environmental monitoring

The *SP800* buoy is the ideal solution for marine signage, aquaculture or environmental monitoring.

It is filled with polyurethane to make it unsinkable in case of breakage of the structure of the buoy.

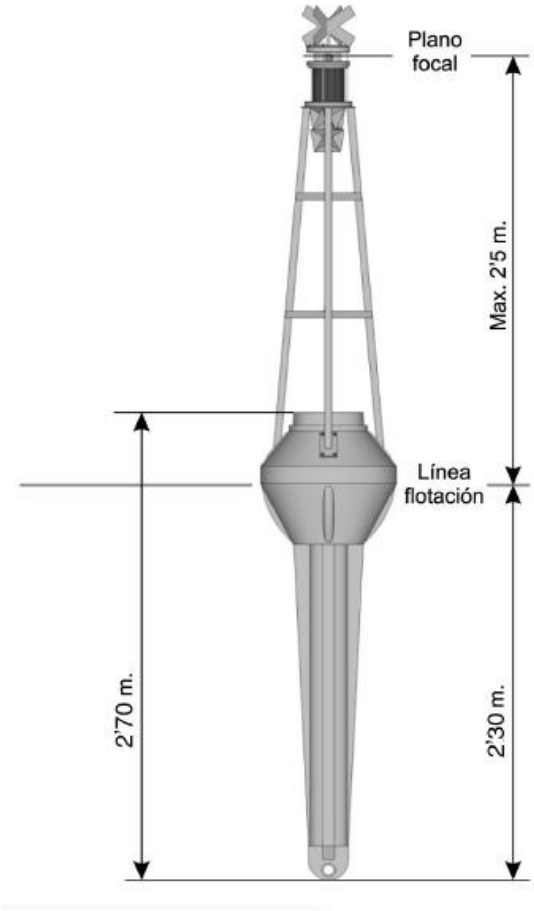
It has an optional equipment totally autonomous, watertight and robust for the location of the buoy in case of breakage of the anchor train.

The sensors that are incorporated in the buoy are fully compatible with the **Smartyplanet web platform** so the treatment of the measured data is instantaneous.

Buoy SP800
Specifications

Mechanical features

Diameter	80 cm
Buoy length	2,7 m
Focal plane height	Up to 2,5 m
Buoy volum	0,331 m^3
Flotation reserve	140 kg
Draft	2,3 m
Buoy weight	45 kg approx.
Weight of the castle	20 kg approx.
Total weight	65 kg approx.
Body's buoy material	PEHD rotomolded polyethylene
Minimum thickness	6 mm
Internal material	Polyurethane closed cell
Castle material	Aluminum
Screws	Stainless steel
16mm chain	UN4419, U2 class
Recommended floating chain	120 kg
Maximum supported berth	260 kg
Minimum dead weight	500 kg
Lintern	Hercules Control, Carmanah
Localization system	TROBA-GPRS, TROBA-SAT



Plug and play Installation

The design of this Station allows his installation under the concept ' to plug and play '. He places of simple form on posts, walls or poles, and his entail with the web of visualization is immediate and automatic.

Better relation Cost - benefit

The new concept of station of sensors allows to have the best technology to monitor and to control his resources to a cost very lower than other existing alternatives on the market.

Sensors Networks

The number of Stations to linking to his network is unlimited, being able to incorporate different models and configurations to form extensive networks that connect the information of his resources to Internet, to give response to the Smart cities of the future

Without complicated infrastructures

With the different models of station it will be able to create networks of sensors adapted to the needs of his sector, without need of complicated infrastructures not costly.

Visualization in web page

The control of the sensors is realized by means of a web application personalized with multiple functionalities as alarms, historical, multiple users, etc.. Accessible from any device connected to Internet.

Multiple sensors

There are multiple the precision sensors that can join. The model of Station selects depending on the type and I number of sensors that he needs.

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