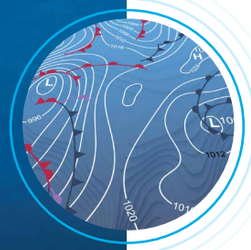


Hurricane Prediction

Capture frequent 3-D ocean data during rapid hurricane intensification to improve decision making.

Seafloor Mapping

Measure shapes and depths of the ocean floor in poorly mapped areas globally in the most cost-effective and sustainable manner.

Soundscape Monitoring

Tune into ocean sounds to monitor marine mammal communications and quantify the impact of noise pollution.

Limitless Power and Unprecedented Flexibility

Specifications:

Hull diameter: 8” (20.3 cm)
Length: 74” (188 cm) [without antenna]
Weight: 121 lbs (55 kg)
Depth Rating: 1,000 meters
Energy: >10 kJ (3 Wh) depending on temperature
Mission Endurance: Energy no longer a limitation
Sensors: CTD, Echosounder and Hydrophone
Satellite Communication: Iridium RUDICS
Data Processing: Linux computer

SEATREC

1340 Specialty Dr., Suite I, Vista, CA 92081 USA
info@seatrec.com
+1 626 386 5988
www.seatrec.com

SEATREC

Introducing

Infinite Thermal Energy with the infiniTE™ Float

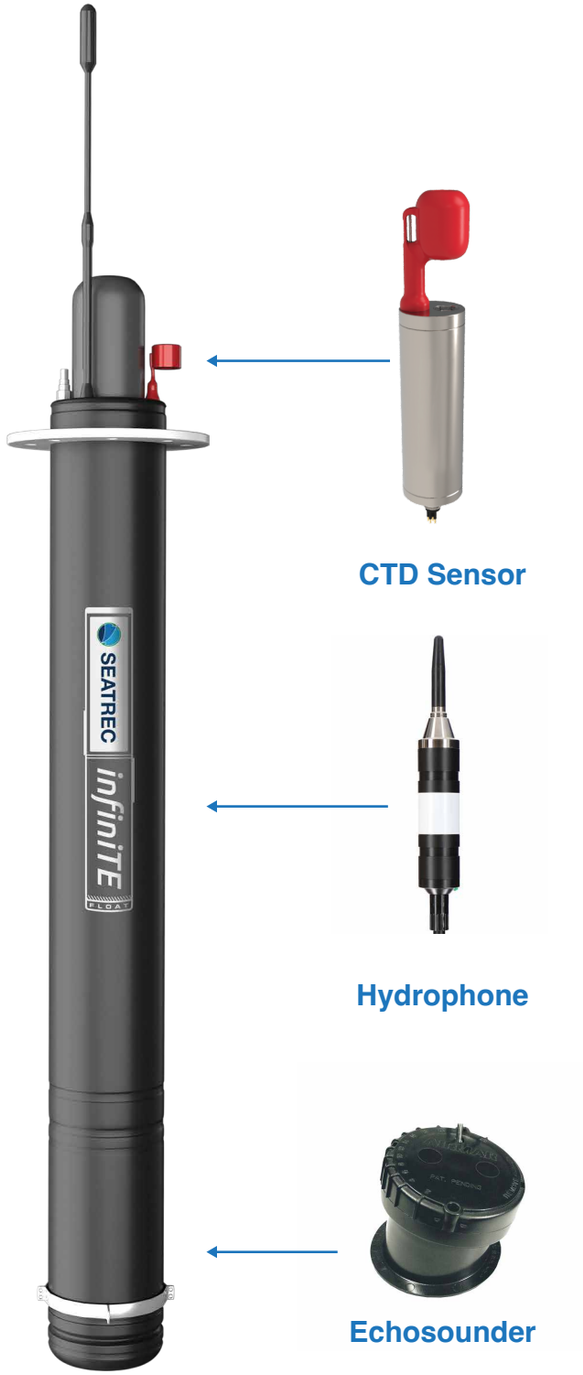
- **Limitless power**
- **Plug and play modularity**
- **Increase profiles by 30x**

seatrec.com

Introducing **infiniTE™ FLOAT**

Scientists have long dreamed of using floats to conduct oceanographic research across applications as diverse as seafloor mapping, soundscape monitoring, and hurricane prediction. Seatrec makes this dream a reality with the launch of our infiniTE™ float – the first-of-its-kind platform with plug-and-play sensors, powered by clean, renewable energy to solve the power limitation issues of legacy floats. The platform vertically integrates a wide range of sensors (previously impossible to mount on a float because of power limitations) with a pioneering energy harvesting system that generates electricity from the ocean's temperature differences.

Seatrec floats can profile up to 3x per day, at a depth of up to 1000 meters compared to legacy floats that profile once every 10 days. These next-generation floats can be launched from sailboats with no carbon footprint and are built for endurance, facilitating long-term, data-gathering deployments.

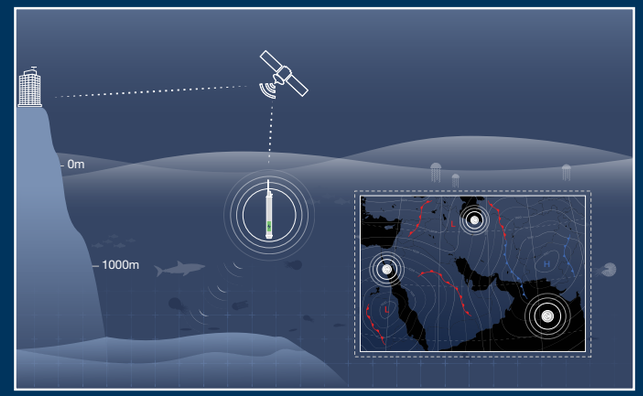


CTD Sensor

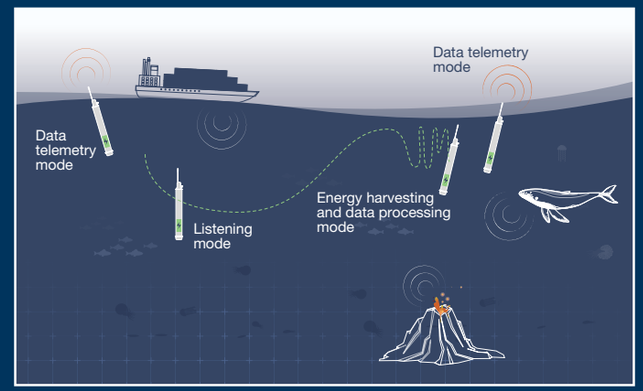
Hydrophone

Echosounder

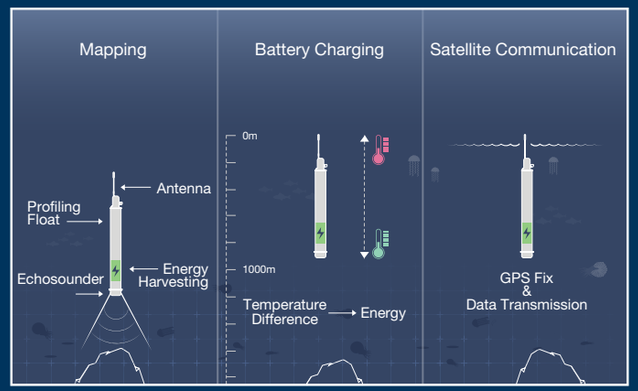
Applications



Hurricane Prediction



Soundscape Monitoring



Seafloor Mapping