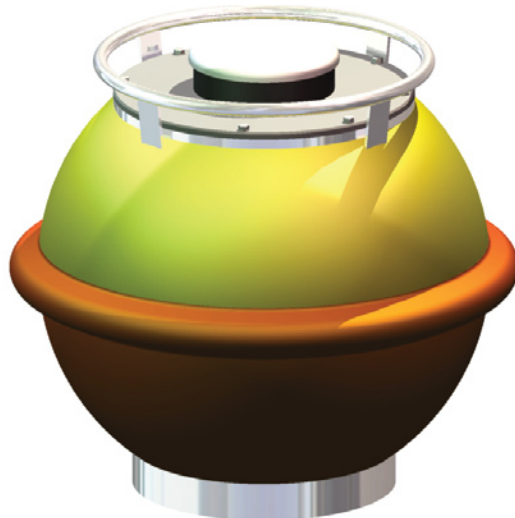


# SOSI

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# GPS TIDE MONITORING BUOY




SOSI's GPS Tide Monitoring Buoys (GPSTM Buoys) provide accurate sea level height data in instances where critical measurement is required. These buoys are adaptable to various GPS technology like the Trimble RTK, Novatel, Topcons and various other receivers / antennas combinations. GPS systems are easily removable from buoys for other applications when not deployed.

GPSTM Buoys deliver precise water elevation measurements for tidal corrections. Typically used for hydrographic surveys, the GPSTM Buoy enables the essential correlation between true sea surface height and seabed topography to be made. The use of a GPS Tide Monitoring Buoy gives the user the ability to relate water level height to the GPS ellipsoid facilitating a universal vertical datum across land and sea. Additionally, the GPSTM Buoy enables the monitoring of tide height in extremely remote locations and in deeper water than a standard tide gage.

Our GPS Tide Monitoring Buoy comes standard with a tough, hot-dip galvanized steel frame and polyurea coated body to insure long-life in the harshest marine conditions. The buoy is easy and fast to deploy—recording data to the receiver or transmitting through an upgraded onboard-telemetry system. Once deployed, the GPS Tide Monitoring Buoy can be left unattended for the duration of the survey period.

Thank you for reviewing the GPS Tide Monitoring Buoy. Please contact our helpful technical staff if you require assistance with this product. Our team of skilled engineers, designers and trained technicians are ready to assist you with product modifications and solutions to meet your most demanding requirements.

Be it an existing product or a customized package—our mission is to offer innovative engineering, design and quality manufacturing for our diverse and growing global customer base. Take action and make waves with SOSI today! 

## Standard Features

- 4 Rechargeable 12V 18 Amp Hour Batteries
- Accommodates Different GPS Receivers and Antennas
- Mounting for GPS receiver and antenna
- Hot-dip Galvanized Steel Frame

## Options

- Iridium Communication
- Anchor Watch, Off-moor Warning
- Nav Light
- Lithium Ion Battery Pack for 30+ Day Deployment
- Mooring: dependant on depth, deployment length and sea state
- Up to cm accuracy on GPS

## Specifications

Weight.....115 lb. (fully equipped)  
Diameter ..... 27 in.  
Height..... 25 in. (with antenna)



\*Specifications subject to change