

OIL IN WATER MONITORING BUOY



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Manufactured using a rotationally moulded polyethylene hull, the buoy system is built with a central structure designed to safely accommodate turbidity sensors, a multiparameter sonde or similar instrument, while providing protection from collision damage.

The Inshore Monitoring Buoy carries solar panels with battery back up, and a GPRS enabled data logger. Weighing 45 kg and having a total length of 1.8m, this buoy is easy to handle and deploy.

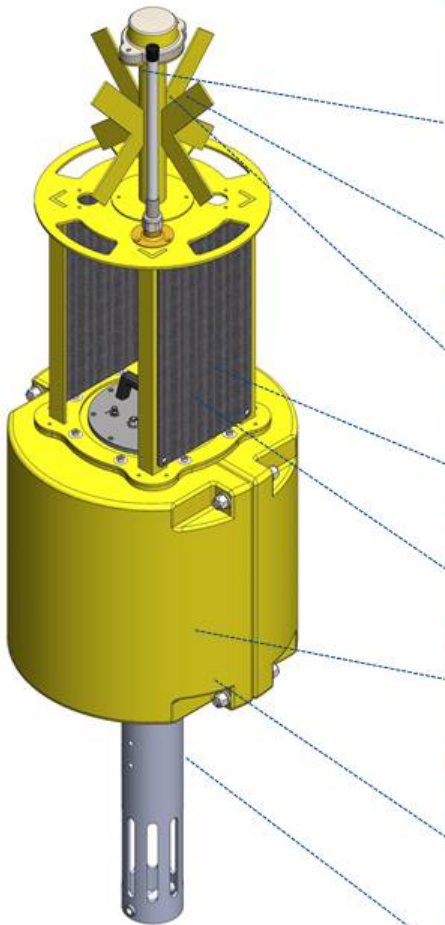
The single point mooring not only makes for easy deployment and recovery, but also reduces the drag in high flow areas.








Applications

- Refineries
- Ports/Harbours
- Marinas
- Offshore sites
- Outfall Monitoring

All buoys are fitted with four 14W solar panels, battery back up, navigation/warning lights (IALA Standard Lamp) and St Andrews cross.

A range of telemetry options are available (UHF/VHF, GSM, GPRS, Satellite), selected to suit both the location and application requirements. OSIL provide a complete data telemetry solution, including either desk top or web-based software packages to access the data.



	Hull Specifications 0.6m diameter, 1.0m focal plane, 45kg weight, ~60kg reserve buoyancy (after payload)
	Aids To Navigation Radar reflector, IALA standard lanterns, On-station GPS trackers with watch circle alarms
	Telemetry Options GPRS/GSM, AIS, VHF/UHF radio, Iridium
	Meteorological Measurements Wind speed/direction, atmospheric pressure, air temperature & humidity, solar radiation, precipitation
	Real-Time Data Delivery OSIL data solutions, hosted services (Campbell Konect), direct to server & email
	Oil Spill Detector Submersible hydrocarbon sensor
	Water Quality Sensors Dissolved Oxygen, pH, Temperature, Conductivity, Salinity, Turbidity, Chlorophyll & Blue-Green Algae
	Wave Measurements Wave direction, height & period, external or internal compass
	Current Speed & Direction High resolution current speed, direction & turbulence data

Other sensors are available on request

FOR FURTHER INFORMATION PLEASE CONTACT:

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