



OSIL

Environmental Instruments
and Systems

Oil in Water Monitoring Buoy

OSIL'S Oil in Water Monitoring Buoy provides a cheap, quick and easy way to ensure constant and immediate data collection.

OSIL's Oil in Water Monitoring Buoy is a cheap, quick and easy way to ensure constant and immediate data collection when other systems are out of action, or where an environmental situation requires monitoring.

Manufactured from machined foam and finished with a durable rubberised coating, the Oil in Water Monitoring Buoy is built with a central structure designed to safely accommodate a submersible hydrocarbon sensor integrated into a multiparameter sonde, while providing protection from collision damage.

Designed for deployments of up to 24 months, the Oil in Water Monitoring Buoy carries solar panels with battery back up, and a GPRS enabled data logger. Weighing 25 kg and having a total length of 2.0m, this buoy is easy for just one person 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



FOR FURTHER INFORMATION PLEASE CONTACT:

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Oil in Water Monitoring Buoy

- A low cost, compact and lightweight hydrocarbon monitoring solution for rapid deployment in sheltered coastal and inshore areas.
- Targeted for short term monitoring and emergency deployments in applications where additional or back up monitoring is required, the buoy is designed to alert users to unexpected rises in hydrocarbon levels, or other changes in water quality.
- Designed for use in applications where data needs to be obtained ASAP, and where other data collection systems would be difficult to deploy from small vessels.

Features:

- Web connection for automatic data harvesting
- GPRS/GSM Telemetry
- Data can be transmitted to mobile phones, vessels or remote users
- Can be equipped with a range of additional sensors/parameters to suit specifications

Specifications:

- 1.8m total length
- 55cm diameter
- 60kg net buoyancy
- 4 off 14W solar panels



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