

## iSphere



**The iSPHERE is a unique buoy designed for oil spill tracking. Offered as an alternative to the standard ARGOSPHERE drifter, it uses the bi-directional Iridium satellite system to communicate and to transmit essential scientific data.**

The iSPHERE is an expendable, low cost, bi-directional spherical drifting buoy developed to meet the demanding needs of the offshore oil industry, ocean freight industry and the oceanographic scientific community. The buoy was designed specifically to track and monitor oil spill incidences. The iSPHERE drifter also provides the user with essential real-time sea surface temperature data and GPS positional data.

The robust design of the iSPHERE allows the buoy to be deployed effortlessly from a vessel or an oil platform. The standard operating life of the buoy is approximately 6-12 months.

- Size (diameter) – 13.40 inches (340 mm)
- Mass (in air) – 13.15 kg (29 lbs.)
- Operating Life – 6-12 months

- Data Transmission – Iridium (bi-directional)