

OSIL Sole Distributor Subsea Electronic Bottle Release System

OSIL has been appointed sole distributor of the Subsea Electronic Bottle Release System (EBRS), an userfriendly way to collect calibration samples at depths for converting to SPM (mg/l) and turbidity data.

Specially designed to support the survey activities of the Environmental and Oceanographic industries, the STS Subsea Electronic Bottle Release System (EBRS) features three water bottles held in a stainless steel frame complete with an onboard pressure sensor and optional Turbidity sensor. The electronic surface control unit allows the bottles to be fired at a known depth and a simultaneous Turbidity reading in Nephelometric Turbidity Units (NTU) can be taken. By collecting the water sample at exactly the same time and in the same volume of water as the NTU reading, the EBRS enables accurate Suspended Particulate Matter (SPM) in mg/l/ NTU calibration charts to be plotted for up to 3 depths on each dip.

With a depth sensor that has an accuracy of +/-1% and is capable of operating at depths of up to 50 metres, OSIL claims the system is reliable and robust.

The EBRS is supplied with 10 metres of cable, as well as depth and temperature sensors, with read-outs fitted as standard. Optional extras include additional lengths of cable up to 50 metres and a Back Scatter Gauge with a readout mounted in the Control Unit.

<https://www.hydro-international.com/content/news/osil-sole-distributor-subsea-electronic-bottle-release-system>
