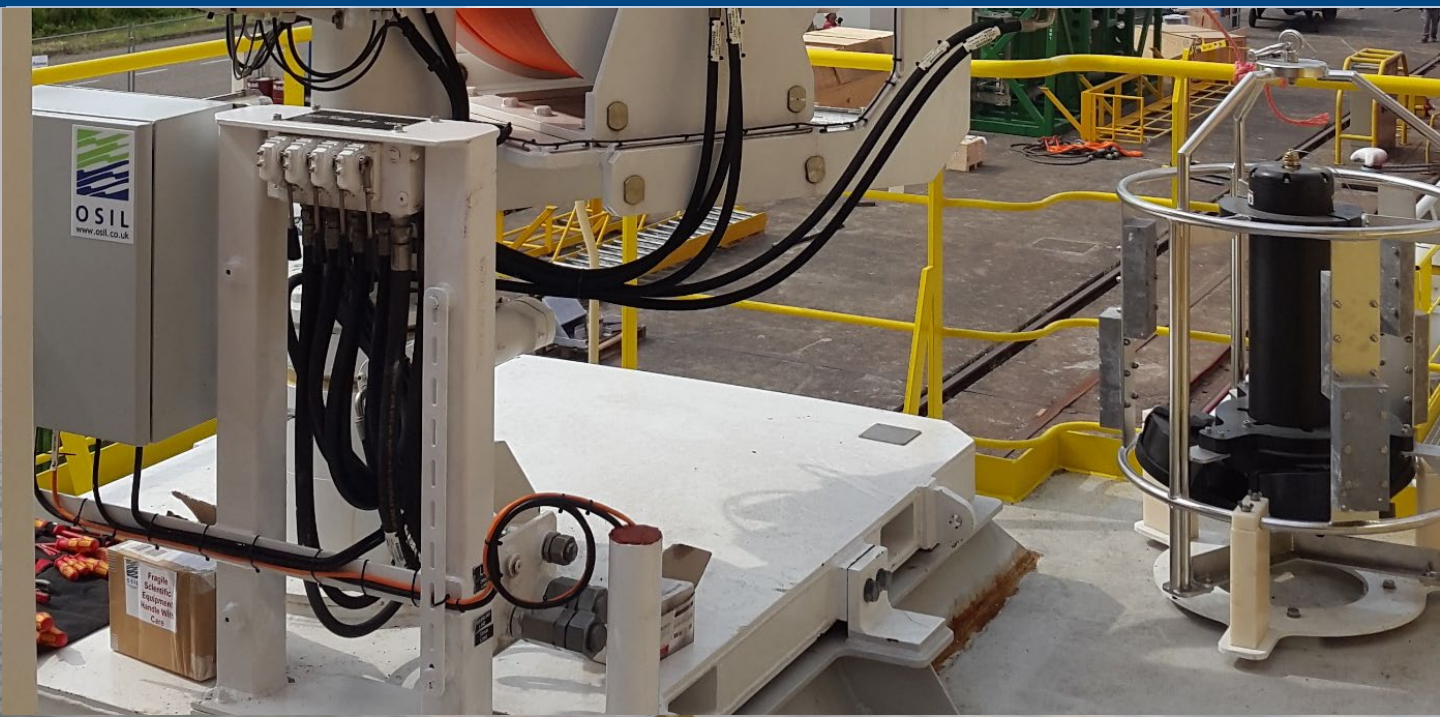


ULTRA DEEP CURRENT PROFILING SYSTEM



Measuring ocean current profiles in ultra deep water with a state-of-the-art real-time monitoring system

The system rapidly can achieve an accurate and reliable high quality real time current profile from near surface to ~3500m.

A typical skid mounted system consists of a lifting boom (or other suitable LARS) and winch for over the side deployment, a deployment frame and a downward looking low-frequency ADCP. An upwards looking high-frequency ADCP can also be incorporated into the system if required.

The deployment frame is equipped with steering fins to ensure that the system remains stable, and can be equipped with additional instrumentation to maximise the information obtained from each deployment.

Applications

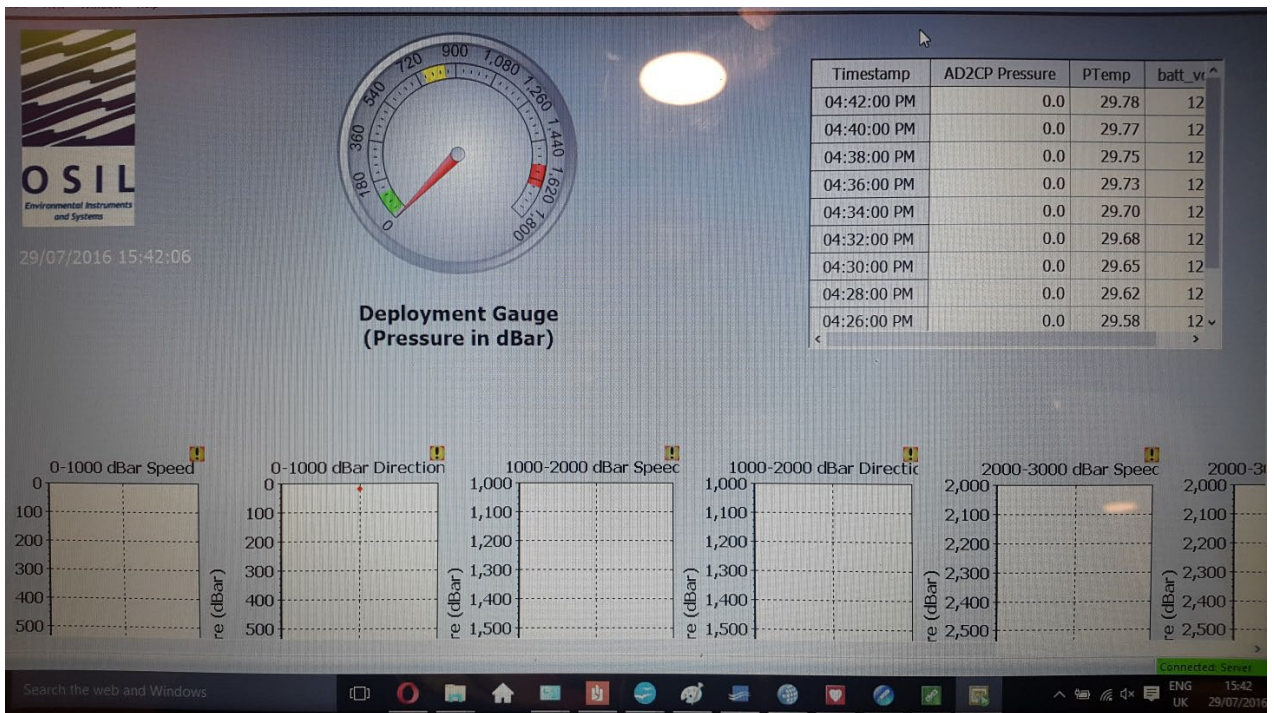
- Monitoring rapid current changes for live operations
- Regulatory monitoring
- Regional data collection
- Supports real-time operational decisions
- Ocean circulation studies, including boundary currents, interbasin exchange and transport in and out of the polar seas
- Numerical model verification
- Transport studies of contaminants from ocean or shore-based mining or drilling activities

Benefits

- Supports real time operational decisions
- Data displays on secure client accessible websites
- Secure remote access to system controls

Features

- 316 Stainless Steel Deployment Frame
- Stabilising fins
- Customisable website based data display
- Max. Sampling frequency 16 Hz
- 5 beams for mean currents and turbulence
- Central beam also functions as biological echosounder
- Vertical resolution 2cm over up to 8m



Other sensors are available on request

FOR FURTHER INFORMATION PLEASE CONTACT:

Ocean Scientific International Ltd
Culkin House, C7/8 Endeavour Business Park,
Penner Road, Havant, Hampshire PO9 1QN, UK
T: +44 (0) 2392 488240 E: osil@osil.com W: www.osil.com