

## Undercurrents - Issue 13

Welcome to the 13th issue of Undercurrents. In this edition, we welcome 3 new members to our expanding team and highlight just some of the measurement projects we have been involved in since our last edition of Undercurrents including projects in Australia, the Congo and Ivory Coast. .

As usual, we welcome any comments or suggestions at [info@metoceanservices.com](mailto:info@metoceanservices.com). If you have any colleagues interested in subscribing to our newsletters they can do so by also e-mailing us or via our website. Interested clients, suppliers and colleagues can now also follow our activities on Facebook.

Much of the information contained in this newsletter is available on our website and we encourage you to check [www.metoceanservices.com](http://www.metoceanservices.com) regularly for updates.

### MSI Continues To Expand With The Recruitment Of 3 New Staff



MSI is pleased to welcome 3 new members to the team with Frank Pey and Sanette Gildenhuys joining in South Africa and Art Shrimpton joining in Australia.

In South Africa, Frank is an Oceanographic Engineer who qualified at the University of Cape Town. He went on to teach Applied Marine Science at UCT before working with South Africa's Great White Sharks including research projects. Sanette is a graduate qualified oceanographer and previously worked as Oceanographic Technologist at the Institute for Maritime Technology. She has 15 years experience with a wide range of metocean equipment and project management and will have a project management role within MSI as well as undertaking fieldwork.

In Australia, Art Shrimpton was most recently a lecturer teaching Ocean Engineering at the Australian Maritime College and prior to that has worked all over the world in the oceanographic and Oil & Gas field. Art brings over 30 years experience to MSI and is a welcome member of the team as we expand at both locations.

### MSI Completes Long Term Metocean Measurements For Total E&P Congo



MSI is pleased to announce that it has successfully completed a 12 month metocean measurement project for Total E&P Congo (Total) in the Moho-Nord Field offshore Congo, in approximately 820m water depth.

The objective of the programme was to provide Total E&P Congo with a reliable metocean data base so as to facilitate safe marine operations at and near the site. Additionally, the measurements will provide the basis for derivation of accurate and consistent metocean design criteria for extreme and fatigue studies which will be carried out during Total E&P Congo's future engineering development. [Full Story](#)

### MSI Installs Multi Real-Time Current Measurement Systems For 3 Year Monitoring Program As Part Of Government Declared "Significant Project" At Gladstone, Australia



Metocean Services International (MSI) recently completed the installation of 3 real-time current profile monitoring buoys offshore Curtis Island at Gladstone in Queensland, Australia for Arrow Energy as part of a 3 year monitoring program.

With a tidal range at site in the order of 4m and currents in excess of 2 knots already observed in the first week, the buoys will provide important real-time current profile data to assist with future planning as well as current vessel operations.

Each buoy comprising a 1.25m databuoy fitted with a TRDI current profiler as well as Satel radio and JouBeh iridium transmitters. Data is transmitted from each buoy via radio to a PC on site where it is displayed in real-time, as well as via satellite to MSI's offices where it is uploaded onto a password-protected website for the client to access. MSI monitors the incoming data to check that the systems are operating correctly, and a daily report is automatically e-mailed to the client's nominated distribution list. [Full Story](#)

## MSI Provides Real-Time Current Measurement Systems To Support Seismic Operations



Metocean Services International (MSI) recently completed a real-time current measurement programme for CGG Veritas to support seismic operations offshore Ivory Coast. The system was installed on the support vessel Tanux-1, and provided real-time current profile data both on the Tanux-1, as well as via radio to the seismic vessel Vanquish.

The system comprised a TRDI 300kHz ADCP, cabled to a PC running TRDI's VMDas software. The software controlled the operation of the ADCP, as well as displayed the data in real-time on the Tanux-1. A Hemisphere GPS provided positioning and navigation data to the VMDas software so that the vessel motion was removed from the measurements. [Full Story](#)

## Come And Visit MSI At AOG



If you are Perth, WA based or visiting 20th to 22nd Feb, come along to AOG and meet Stefan and Art from the Australian office and Sidney from Cape Town. They will be on stand Q34 and would be happy to discuss the services we offer and demo some of the equipment we sell in Australia.

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