

### Subsea corrosion survey Deepwater offshore inspection group

**Deepwater began as an offshore inspection and engineering firm in 1986, and in 1988 we developed the Polatrak line of subsea survey equipment.**

Deepwater has always been a pioneer in continually improving both the equipment and the methodologies used for subsea corrosion survey. The integrity of survey data is only as good as the instruments and the offshore inspection crews using them, and as such, Deepwater is one of the best in the business. Accurate inspection data are critical to our engineers, who need reliable results in order to provide expert consultancy on the health and performance of cathodic protection systems, including if and when to retrofit failing anodes. Our multi-point, risk-based inspection procedures and reporting software ensure that you spend your inspection dollars wisely while protecting your staff and offshore asset value.

We have developed a number of survey techniques to give a true representation of existing conditions, and we can accurately estimate the remaining life of cathodic protection systems for platforms, pipelines and subsea equipment.

#### Polatrak® equipment

Deepwater's Polatrak-brand probes are recognized as the industry standard for accuracy and dependability in the offshore market. Unlike other cathodic-protection testing equipment, all Polatrak probes are designed with dual elements for real-time calibration to ensure accuracy. All of the internal electrodes are interchangeable and easily replaced during routine maintenance using pluggable Ag/AgCl or Cu/CuSO<sub>4</sub> electrode elements. Polatrak probes are ideal for offshore use and inshore areas where brackish waters are found.

All probes are manufactured in-house at our Houston facility using only the most rugged materials and are tested rigorously before being released. Survey systems designed for work-class ROVs are rated to function at depths up to 3,000 meters. Our Deep-C-Meter system (which includes the ROV II probe) is very popular in the ROV industry for its reliability in deep-water survey situations. The only system of its kind, it can operate independent of the ROV umbilical or can be ROV powered with RS232/ RS485 standard output.

#### NACE-certified inspectors

All of Deepwater's offshore inspectors – who go above and beyond standard data recording – are either fully-certified corrosion technicians (Level 1-4) or engineers with extensive corrosion experience. Each inspector is trained in instrument maintenance and diagnostics, and in how to verify that survey results are good.

#### Concise reporting

Deepwater has streamlined the reporting process between field and office using standard software to record all data from survey. Once a survey is completed, Deepwater engineers and survey specialists review the data and quickly output reports in any format the client requires. Also, Deepwater has developed an online inspection data management system (ARMS) for complete access to survey data online, including some diagnostic tools and searchable database features.

**More info at [arms.stoprust.com](http://arms.stoprust.com)**



**Easy-to-read displays**

The Deep C Meter displays use ultra-bright LEDs.



**The probe in action**

The ROV II probe taking a stab CP reading.



**Recorded in real time**

Deepwater's ARMS software for real-time data collection.