

# DEEPWATER

## TOPSIDE LEVEL 1 AND RISK-BASED INSPECTION SERVICES DEEPWATER OFFSHORE INSPECTION GROUP

**Deepwater began doing platform inspections in 1988, the same year the MMS-required “Level 1” was born.**

Since then, many thousands of platform inspections have been completed. Deepwater has been a pioneer in continually improving the value of inspections to our customers. The basic format for most Level 1 surveys in the Gulf of Mexico was developed by Deepwater; it's now often imitated but seldom improved upon. Our multi-point, risk-based inspection procedure and reporting ensure that your inspection dollars are spent wisely, keeping your INCs to a minimum while protecting your staff and offshore-asset value.

### Inspections performed:

- CP potential survey (platforms, risers, vessel internals)
- In-service paint inspection
- Structural damage
- Corrosion safety (handrails, walkways, boat landings, etc.)
- Riser inspection
- Process equipment external inspection
- Erosion corrosion site selection
- Photo documentation
- Coast Guard inspection
- Special in-service inspection procedures for floating production systems

### NACE-certified inspectors

All of Deepwater's offshore inspectors are fully-certified corrosion technicians (Level 2-4), or degreed engineers with many years of offshore experience.

### Level 2-4 underwater inspection

We at Deepwater have been heavily involved in Level II – IV surveys for over 15 years and have rigorously maintained our certifications as training and inspection requirements have changed. Deepwater is a pioneer of true underwater cathodic-protection surveys. 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 platform and/or pipeline cathodic-protection systems. We offer services for all aspects of underwater inspections including inspection-scope development, engineered-node selection per MMS requirements, data management and recording, and final report processing.

### Concise reporting

Deepwater has streamlined the reporting process between the field and office using standard software to create Level 1 reports. Customers will soon be able to access their Deepwater inspection reports online as well.

Currently, a fully-integrated database of online inspection reports is under development that will allow asset owners to view their inspection results and the threat levels to their infrastructure.

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



### RISK-BASED APPROACH

Deepwater focuses inspection dollars where the likelihood of failure is greatest.



### LOW-RISK STRUCTURE MAY REQUIRE A MINIMAL INSPECTION

But a manned production platform receives much more scrutiny.



### CP SURVEY

CP potential survey performed on main structure, risers and vessel internals