

DEEPWATER

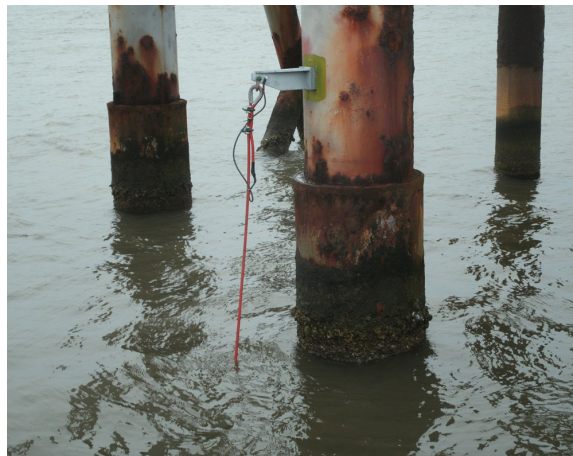
BLACK BAY PLATFORMS GULF OF MEXICO

Deepwater retrofits 69 structures in Black Bay in 22 days

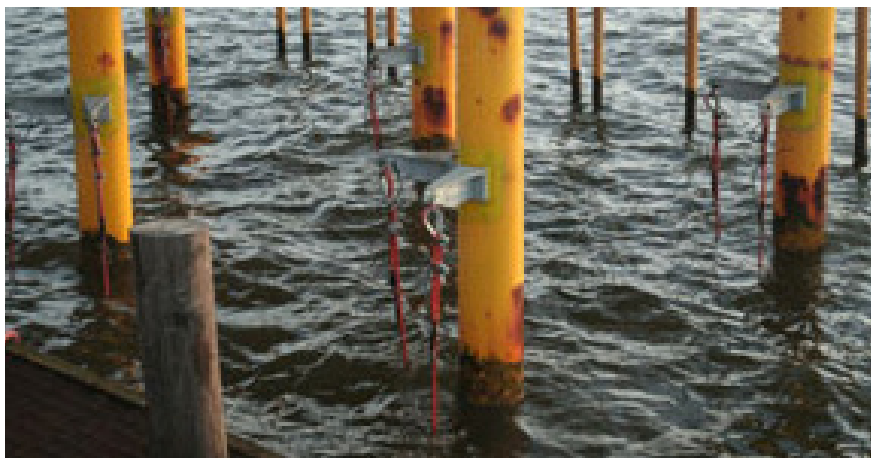
Deepwater Corrosion Services, Inc. recently retrofitted 69 shallow water wellhead platforms, gas lift manifolds, and production platforms in Helis' Black Bay field. Due to the shallow average water depth (approximately 10 feet) and shoaling, a special retrofit system was needed. Deepwater's RetroLink™ suspended anode system was perfect for the job; the field's life was extended for 5 years without the need for underwater intervention. To protect pipelines and risers, custom continuity jumpers were installed to create a blanket of CP coverage for the entire field.

The installation for this field included a total of 115 RetroLinks™ and 89 continuity jumpers. These supplies were loaded onto a spud barge, which was moved around the field with a tugboat. The tug positioned the barge along the platforms and wellheads so the RetroLinks and continuity jumpers could be safely installed. The project's total installation time was 22 days.

More info at www.stoprust.com



EAST OF THE BIG EASY
Black Bay is southeast of New Orleans in the Gulf of Mexico.



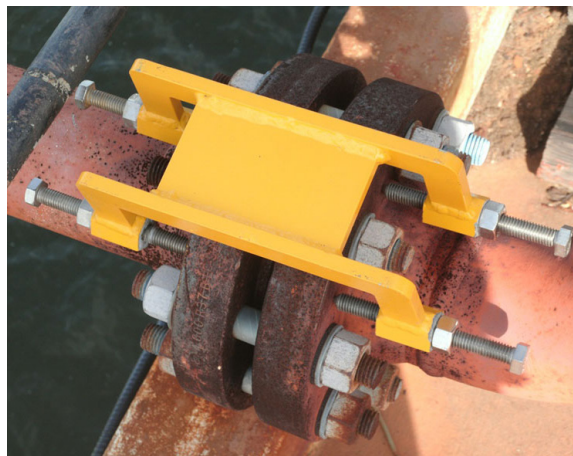
SEE THE LINKS ABOVE
Retrofitting 69 structures required 115 RetroLink™ anode strings.



MIGHT AS WELL JUMP
This continuity jumper uses I-Rod® Clips to prevent pipe corrosion.



LOTS OF STRINGS ATTACHED
Anode strings are suspended from stand-offs welded to the risers.



EVERYTHING'S COVERED
The structures required 89 continuity jumpers.