

DEEPWATER

TWO RETROBUOYS™ INSTALLED ON A SHELF PLATFORM: GULF OF MEXICO

Two RetroBuoy™ ICCP anode sleds installed to extend the life of the platform by 20 years

In January 2013, Deepwater Corrosion Services, Inc. retrofitted an eight-leg, fixed steel jacket in the Gulf of Mexico with two RetroBuoy™ impressed-current cathodic-protection (ICCP) sleds. Sitting in about 300 feet of seawater, the platform's CP life will be extended by 20 years.

Using a dive-supported vessel, both RetroBuoy™ systems were installed in two days offshore.

In order to protect the jacket evenly, one RetroBuoy™ was put on bottom approximately 150 feet away from the northeast corner of the platform. The other was installed approximately 150 feet away from the southwest corner. The cables from the RetroBuoy™ were unreeled from a deck-mounted winch on the vessel and laid in a predetermined path on the seafloor. The pulling end of the cable was left close to the bell mouth guide on an empty riser.

Before the RetroBuoy™ were installed, crews installed a pull-in cable down the selected riser. After the buoys were installed on bottom, this pull wire was connect to the pull head on the end of the subsea cables. Pulled across the seabed and up through the riser, each cable was terminated topside in a hang-off support flange at the sub-cellar deck where it could be connected to the rectifier.

More info at www.stoprust.com



AN EIGHT-LEG FIXED STEEL JACKET
The platform sits in 300 ft of water in the Gulf of Mexico.



RAPID INSTALLATION
One of the RetroBuoy™ is loaded onto the work boat.



NEW LEASE ON LIFE
The dual RetroBuoy™ will provide a 20-year life extension for the Ewing Bank 305-A platform.



THERE SHE GOES
Positioning the RetroBuoy for deployment.