

# DEEPWATER

## RETROPODS™ INSTALLED ON WELLHEADS AND SUTA: TRINIDAD AND TOBAGO

### RetroPods™ attached via RetroClamps™ protect subsea equipment in the Caribbean Sea.

Deepwater Corrosion Services was contracted to oversee the installation of three RetroPod™ sacrificial anode systems in the Dolphin Deep oilfield located off the coast of Trinidad in 200 meters of water. The installation took place on the 23rd and 24th of February 2015. As part of the installation, the RetroPods™ were installed on two wellheads (Hector well and Dusky well) and one SUTA. Each RetroPod™ used a RetroClamp™ in conjunction with dual tie back cables to make electrical contact.

A pre-retrofit survey was conducted on each of the 3 assets, which included CP readings locating the correct member for the RetroClamp™ installation and finding a suitable location to install the RetroPod™ on the seabed. The CP readings were taken using a Polatrak® ROV II™ contact probe.

One RetroPod™ was successfully installed onto Dusky well using a 7.5" RetroClamp™ to make electrical continuity. The RetroClamp™ was attached to the well head frame on the left hand side of the ROV intervention panel and the RetroPod™ was installed on the seabed roughly 5 feet away.

One RetroPod™ was successfully installed onto Hector well using a 7.5" RetroClamp to make electrical continuity. The RetroClamp™ was attached to the well head frame on the left hand side of the ROV intervention panel and the RetroPod was installed on the seabed roughly 5 feet away.

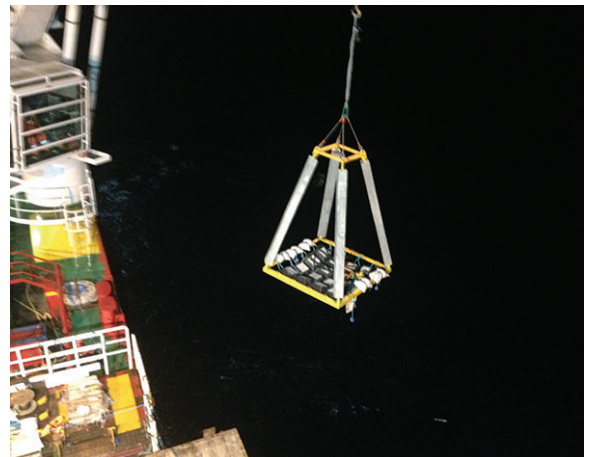
One RetroPod™ was successfully installed onto the SUTA using a 4.5" RetroClamp to make electrical continuity. The RetroClamp™ was attached to the SUTA frame on the opposite side as the ROV intervention panel and the RetroPod™ was installed on the seabed roughly 5 feet away.

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



#### READY TO PROTECT

A close-up shows the RetroClamp™ sitting on the bottom of a RetroPod™.



#### RAPID INSTALLATION

A RetroPod™ is lowered into position on the seabed.



#### DUSKY WELL RECEIVES A CLAMP

The RetroClamp™ was placed just to the left of the well's ROV intervention panel.



#### HECTOR IS SPORTING A RETROCLAMP™, TOO

The clamp was also mounted to the left of the well's ROV intervention panel.