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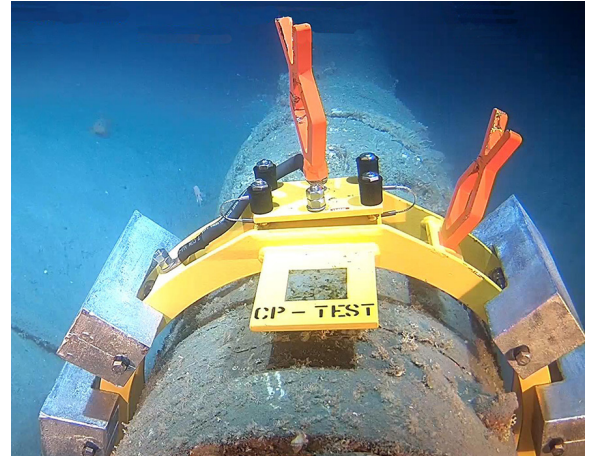
## RETROCLAMPS™ USED AS ANODE BRACELET REPLACEMENTS: SOUTH PACIFIC

### Ten RetroClamps™ were installed on flexible subsea pipelines.

Deepwater's RetroClamps™ were used to provide a CP retrofit for South Pacific flowlines with failing anodes. Ten 26" RetroClamps™ with 4 anodes attached to each were installed by ROV NZ at a depth of 100 metres. Once each clamp was placed into position via ROV, the contact screw was tightened to provide electrical connection for the replacement anodes. All ten RetroClamps™ were deployed in two days, with most clamps requiring less than an hour to install.

A spokesperson for ROV NZ tells us, "ROV NZ was engaged to identify a solution to replace the depleted anode bracelets. After evaluating a couple of options, we recommended the RetroClamp CP system due to the superior design and ease of installation which provided confidence in achieving a successful outcome. Worth mentioning - the other option considered was an anode skid with a strap to connect to the existing bracelets, but the RetroClamp CP system stood out as the more effective solution."

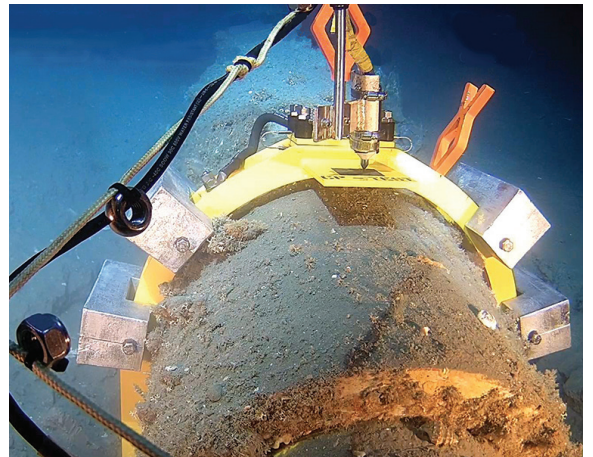
More info at [www.stoprust.com](http://www.stoprust.com)



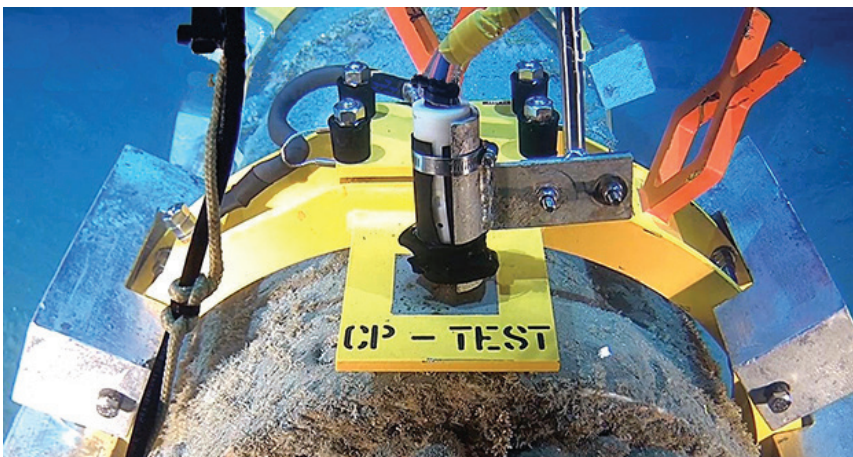
**ROV OR DIVER INSTALLED**  
These flow lines are 100 metres deep, so an ROV was used for installation.



**RAPID INSTALLATION**  
A RetroClamp™ is an efficient, reliable method of replacing spent anodes on underwater pipelines and structures.



**ANODES OR ANODE SLEDS**  
Some RetroClamps™ have attached anodes, others connect to anode sleds.



**A QUICK CHECK**  
Here, ROV NZ uses a CP probe to confirm the contact screw is making a good electrical connection with the pipeline.



**FAST INSTALLATION**  
Most of these clamps were installed in less than an hour each.