



I-ROD® 28 YEARS AFTER INSTALLATION

The following images were captured in 2017 during a routine topside inspection of the first offshore structure where I-Rod pipe supports were specified (see the [13-year study](#) for photos of the same support material in 2002). The system was installed in 1989 for less than \$10,000 USD. These photos show the long-term success of the system at 13 and 28 years when Deepwater Corrosion Services, Inc. visited the structures for inspections in 2002 and 2017.

2002: 13 years after installation



WET CONDITIONS

This fuel gas line is always wet (the green coloration is mold) and the beam paint system has failed, but no corrosion has occurred at the pipe support.



LOW BEAM, HIGH-RISK

Another pipe that stays wet, as evidenced by the mold and mildew on its surface. At 13 years after installation, the support was performing well.



EXPOSED TO SPRAY AND SUN

This support remains well-preserved despite being exposed to harsh offshore conditions.

2017: 28 years after installation



FIFTEEN YEARS LATER...

28 years after installation, the fuel gas line shows some paint failure at the support but the I-Rod is still intact.



NO CREVICE CORROSION

28 years after installation, the coating is almost completely disintegrated and I-Rod still successfully prevented crevice corrosion.



NEW PAINT, SAME NU-BOLT

The Nu-Bolt has received a few coats of paint over the decades but no new corrosion.



VERTICAL APPLICATION
I-Rod is particularly effective on small-diameter screwed piping.



CLEAN CREVICE
After 28 years the I-Rod shows no change long after the coating has failed.



RACKING UP THE YEARS
I-Rod was used to dress beams beneath multiple pipes. No corrosion at 13 years.



HOLDING UP WELL
I-Rod supporting multiple pipes across a standard beam support.



A CLOSER LOOK
The same supports pictured above at 13 years. I-Rod is showing some signs of stress on the right pipe.



VERY LITTLE CHANGE
15 years later, the crack has not compromised the support or intensified corrosion.