

# DEEPWATER

## RAPAROUND™ PILE-MOUNTED ANODES ADDED TO DOCK: COOK INLET, ALASKA

### Eight fender beam mounted anodes installed on dock structure.

As part of the Port of Alaska modernization program, an overall cathodic protection design was implemented for all dock structures. The dock structure included a unique fender design that had 10" beams protruding approximately 30' at a 15 degree angle into the chilly waters of the Cook inlet. With a successful history of pile mounted anodes in the Cook inlet, DCSI was commissioned to develop eight (8) fender beam mounted anodes (rated at 80 Amperes each). Design considerations included the unique installation requirements of huge tidal ranges and zero visibility waters. Divers were utilized to secure the Raparound™ anodes to the beams and route all associated cabling through the square beams. Installation time eventually averaged about one anode per day. Final anode testing confirmed the successful application of the Raparound™ anodes.

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



#### PILING ON

Raparound™ anodes were mounted on the dock's pilings.



#### COOK INLET CATHODIC PROTECTION

The Port of Alaska updated its ICCP system as part of its modernization program.



#### TRANSFORMER/RECTIFIERS

These will keep the anodes powered through some chilly weather.



#### DOUBLE-CHECKING THE ANODES

A technician tests the anodes once again before installation.



#### ONE DOWN, ONE TO GO

Positioning the second RetroBuoy for deployment.