

DEEPWATER

ICCP SYSTEM INSTALLED ON NEW MONOPOD PLATFORM: KITCHEN LIGHTS IN ALASKA

RapAround™ anodes attached to structural members.

As part of a lead-in project, Deepwater designed an Impressed Current Cathodic Protection (ICCP) system for the Kitchen Lights 3 platform. Due to the hydrographic conditions in Cook Inlet, previous methods for placement of the Mixed Metal Oxide (MMO) anodes could not be used. Deepwater developed a “cage” frame that wrapped around the undersea structural members of the platform. This RapAround™ holds the MMO anode in close proximity to the platform as well as protecting it from the environment. The MMO anodes were energized by three transformer rectifiers located topside. Cable routing was through the center pile. Installation of the RapArounds™ was accomplished in a shipyard prior to transport of the platform to Cook Inlet. Final installation of the system and commissioning was completed with the platform on site in Alaska at its production location. Upon energizing, the system was confirmed to provide cathodic protection within one day of startup.

More info at www.stoprust.com



ALREADY IN PLACE

The installed RapAround™ anodes are visible on the platform's base; they're the black-and-white striped sections.



AERIAL PHOTOS BY DEUTSCHE OEL & GAS

Many thanks to Deutsche Oel & Gas (who installed the monopod) for the photos.



RAPAROUND™ ANODE

Chosen because of challenging hydrographic conditions in Cook inlet.



HEADING FOR ITS NEW HOME

The Kitchen Lights base shown en route to its placement in Cook Inlet in Alaska.



PROTECTION FROM THE OUTSET

The system provided cathodic protection within one day of startup.