

DEEPWATER



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DOCK ICCP RETROFIT: TEXAS GULF COAST

Timbersleds used to bolster cathodic protection of ship docks.

Deepwater was engaged to build and install six Timbersleds for ship docks 3 and 5 at the Energy Transfer (ET) Nederland Terminal, based on field testing performed by the client which revealed that the structure's cathodic protection was not fully protecting the dock. The terminal is the largest above-ground crude oil storage facility in the US.

Each sled was manufactured with six 3.2" x 84" tubular anodes at Deepwater's Houston facility. Deepwater also specified the power cable and two replacement rectifiers to power the system, based on design criteria provided by the client's in-house cathodic protection engineers.

The equipment was inspected at the factory and was shipped to the site where installation took a single day, requiring approximately 2 hours per sled.

More info at www.stoprust.com



LARGE FACILITY, SMALL SLEDs

The docks are part of the largest above-ground crude oil storage facility in the US.



LOW-PROFILE SLEDs

Timbersleds are only 300 millimeters tall to accommodate installation in extremely shallow water.



RAPID INSTALLATION

Each Timbersled took about two hours to install.



LOW WEIGHT, LONG LIFE

The timber frames are lighter than steel, cost less and ease installation while still offering a 20-year design life.



SMALL AND EFFICIENT

The Timbersleds were deployed by a small crew on a small work boat..