

BELZONA® RE-BUILDS AND PROTECTS ERODED TUG BOAT KORT NOZZLES

CUSTOMER

Vancouver, British Columbia, Canada

Tug boat operator. Tugs used for hauling log booms up and down the coastline. Kort nozzle was dismantled and placed on the quay side for the main part of the application

APPLICATION DATE

June 1994

PROBLEM

Bi-metallic corrosion had eroded much of the metal and welds adjoining the steel insert.

PRODUCTS

Belzona® 1311 Ceramic R Metal

Belzona® 1341 Supermetalglide

SUBSTRATE

Mild steel.

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How Leaflets SOS-1 & 2

BELZONA FACTS

Using Belzona® eliminated the need to do extensive welding to restore the lost metal. Welding was limited to repairing any stress cracks that were detected around the nozzle.

PHOTOGRAPHS

1. View of blasted kort nozzle showing erosion pattern
2. Application of Belzona® 1314 in progress
3. Coated kort nozzle remounted on vessel. Mounting cover caps sealed with Belzona® 1311 before being over coated with 1341

