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

CUSTOMER

Vancouver, British Columbia, Canada
Tug boat operator.

APPLICATION DATE

August 1996

PROBLEM

Tugs used for hauling log booms up and down the coastline. Extensive loss of metal around welds and stainless steel insert from bi-metallic corrosion.

PRODUCTS

Belzona® 1311 Ceramic R Metal
Belzona® 1321 Ceramic S Metal

SUBSTRATE

Mild steel and stainless 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. This was limited to repairing holes in the kort nozzle which is also used as a radiator to cool the engine. Excessive welding also causes stress cracking which can create a major problem during the dry docking as the vessel cannot be put to sea if it is not able to pass a pressure test. Re-building with Belzona® 1311 eliminates all these problems. Coating the repaired area with Belzona® 1321 improves the abrasion resistance of the surfaces and eliminates any bi-metallic corrosion.

PHOTOGRAPHS

1. View of vessel in dry dock
2. Repairs to eroded and damaged areas in progress.
3. Completed application

