

BELZONA® RESEATS SPLIT COOPER BEARING ON PROPELLER SHAFT

CUSTOMER

Passenger Ferry Operator
Vancouver, BC.

APPLICATION DATE

April 2004

PROBLEM

A problematic bearing had badly scored the propeller shaft making it difficult to obtain an 85% surface contact as required by the marine insurers. The fit was actually showing less than 50%

PRODUCTS

Belzona® 1321 Ceramic S Metal

SUBSTRATE

Bronze

APPLICATION METHOD

Application carried out in accordance with Belzona® Know-How Leaflet MPT-1

BELZONA FACTS

The use of Belzona® 1321 Ceramic S Metal allowed the ferry operator to reform the damaged bearing surface of the propeller shaft saving many hours of downtime.

PHOTOGRAPHS

1. View of damaged portion of the propeller shaft.
2. The propeller shaft was thoroughly degreased.
3. Belzona® 1321 Ceramic S Metal was brushed onto the damaged portion of the shaft. The cooper bearing which had been previously coated with Belzona 9411 Release Agent, was then placed in position before being tightened squeezing out any excess Belzona product.

