BELZONA RESTORES TWO PUMP IMPELLERS

CUSTOMER
Oyster culture, The Netherlands

APPLICATION DATE
April 2007

APPLICATION SITUATION
Pumps used in oyster cultivation

PROBLEM
The two impellers had severe damage because a large bolt was left in the inlet of the pump

PRODUCTS
Belzona® 1111 (Super Metal)
Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE
Bronze

APPLICATION METHOD
Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1 & 3. Steel plates were formed to recreate the lost vanes. Wire mesh was also incorporated into the Belzona rebuild as the original profile was restored. Repair was coated with Belzona® 1321 to give additional smoothness and erosion protection.

BELZONA FACTS
Replacement impellers were not available in the time scale required to maintain the Oyster production.

PICTURES
1. Damaged impeller
2. Stainless steel infill plates
3. Belzona® 1111 used to bond plates and restore profiles
4. One repaired alongside one still to be repaired

1.

2.

3.

4.

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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