

BELZONA HELPS WITH STERN TUBE REALIGNING

ID: 9775

Industry: Marine

Customer Location: HAMILTON

Application: SOS-Ships and Offshore Structures

Application Date: February 2025

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 1321 (Ceramic S-Metal)

Problem

Some parts of a stern tube was facing erosion corrosion and the crew was finding it hard to align the propeller because of uneven diameter. Belzona chosen to fill the pitting and create an even diameter for better alignment.



Stern tube after cleaning.



Belzona 1111 application completed.



Machining down to required dimensions.



Belzona 1321 application completed.

Application Situation

The shipyard crew was having difficulty aligning the stern tube due to uneven diameter caused by erosion corrosion. Various part were pitted and requires filling and machining to a precise diameter. Belzona was chosen to fill and protect from future deterioration.

Application Method

Affected stern tube lining was blasted to the level of cleanliness as instructed in the product IFU. Surface was degreased and Belzona 1111 was applied and machined to the required dimension. Two coats of Belzona 1321 were applied afterwards to seal the area. The application was inspected and passed for the alignment of the propeller.

Belzona Facts

Belzona saves the day as crew couldn't come up with any other solution and it was a time efficient application also.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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manufactured under an ISO
9000 Registered Quality
Management System.

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