## **Belzona Saves Bow Thruster From Going Under**

ID: 9143

Industry: Marine Customer Location: Turkey
Application: SOS-Ships and Offshore Structures Application Date: July 2021

Substrate: Carbon steel

Products: Belzona 1311 (Ceramic R-Metal), Belzona 1321 (Ceramic S-Metal)

Problem

There was severe cavitation and corrosion damage on the surface of this bow thruster









Before Application (showing the cavitation damaged areas)

Belzona 1311 Applied for Repair

Belzona 1321 First Layer Coating Applied

Belzona 1321 Second Layer Coating Applied

## **Application Situation**

The customer approached the Distributor to repair the cavitation-damaged areas of this bow thruster. They had an alternative method in mind, but the application would have taken longer and wouldn't have provided them with the corrosion protection they needed for their equipment. So, the customer decided Belzona would be the reliable solution for them.

## **Application Method**

The surface of the bow thruster was first washed down with Belzona 9111 (Cleaner Degreaser) to remove all the dirt, grease and other surface contaminants before being grit blasted. Then Belzona 1311 (Ceramic-R-Metal) was used to repair the bow thruster, before adding a final coats of Belzona 1321 (Ceramic-S-Metal) to protect the equipment from further damage.

## **Belzona Facts**

The application took just eight hours to complete, plus the one day for curing. This pleased the customer as the alternative method would have taken more time, which meant the thruster would have been out of service longer.

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FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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