

BELZONA REPAIRS CAVITATION DAMAGE TO THE BULK CARRIER PROPELLER BLADES

ID: 8587



PROBLEM

Propellers on bulk carrier had severe cavitation damage on all four blades of propellers.

APPLICATION SITUATION

Propeller blades

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SOS-1 and SOS-2.

BELZONA FACTS

Any polymeric repair solution that is subject to cavitation will be a lot more cost effective than welding and remachining. It is time consuming to braze bronze and requires higher skills to rebuild significant metal loss. Belzona systems were accepted by DNV Classification Society.

INDUSTRY

Marine

LOCATION

Shanghai, China

APPLICATION DATE

August, 2021

PRODUCTS

Belzona 1311 (Ceramic R Metal)
Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Brass

PHOTOS

1. Surface preparation with sandblasting
2. Rebuilding metal loss with Belzona 1311
3. Cavitation prevention with Belzona 1321
4. Complete application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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under an ISO 9001 Registered
Quality Management System.

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