

BELZONA REBUILDS OVERSIZED PINTLE HOUSING

ID: 1281



PROBLEM

Keyway and rudder pintle housing were oversized due to erosion corrosion and impact.

APPLICATION SITUATION

Oversized housing and keyway of rudder pintle.

APPLICATION METHOD

Application procedures were made according to Belzona Know-How System Leaflet SOS-3. The oversized housing and keyway were rebuilt using the rudder pintle with a false key as former. Belzona® 1111 was used for the main repair and Belzona® 1221 was used to fill some voids along keyway.

BELZONA FACTS

The repair was done on-site and completed in a few hours. In this situation conventional repair by welding and then machining was considered to be time consuming, complicated and too expensive.

INDUSTRY

Marine

LOCATION

Dockyard, Bulgaria

APPLICATION DATE

February, 2009

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1221 (Super E-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Rudder pintle with false key used as former
2. Adjusting unit for rudder pintle positioning
3. After application of Belzona 1111 the rudder stock was positioned
4. The oversized housing and keyway restored to exact profile

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

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