

## BELZONA PROTECTS TAIL SHAFT ON A US NAVY SHIP

### CUSTOMER

Marine Industry, Portland, OR, USA

### APPLICATION DATE

May 2015

### APPLICATION SITUATION

Tail Shaft of U.S. Navy Ship.

### PROBLEM

The US Navy required superior protection against erosion and corrosion in the transition area of shaft coatings.

### PRODUCTS

Belzona 2141 (ACR-Fluid Elastomer)

Belzona 2941 (Elastomer SP-Conditioner)

### SUBSTRATE

Steel

### APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SOS-2. The shaft was grit blasted to an SSPC-SP10 finish and then coated with Belzona 2941. The shaft areas were then coated with Belzona 2141 and finally with a fiberglass coating.

### BELZONA FACTS

Belzona is expected to last through the 5 year Tail Shaft inspections by the American Bureau of Shipping (ABS).

### PICTURES

1. Tail shaft after grit blasting
2. Chloride test
3. Tail shaft with Belzona 2941
4. Completed shaft coating



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



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

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