

## BELZONA PROTECTS SHIP SCRUBBER SYSTEM DISCHARGES

### CUSTOMER

SHIPYARD, TURKEY

### APPLICATION DATE

January 2018

### APPLICATION SITUATION

Scrubber Overboard Discharge area of RO-RO ship

### PROBLEM

After the installation of the scrubber system discharge pipe, the chemicals included in the system such as sulphuric acid and sodium hydrogen sulphate and etc. will have aggressive corrosive effect on the steel discharge pipe and area around the ships steel hull. Combined with the severe cavitation effects, the area is under heavy risk of metal loss due to cavitation damage.

### PRODUCTS

Belzona 9111 Cleaner&Degreaser

Belzona 1391T

### SUBSTRATE

Steel

### APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets SOS-02. Surface was grit blasted to achieve SA2,5 standard. Surfaces salt containment measured and surface has cleaned with Belzona 9111 Cleaner&Degreaser. Specified Surface area is coated with 2 layers with Belzona 1391T. After the application, coating allowed to cure and post cured respectively.

### BELZONA FACTS

Ships operating with Scrubber systems on-board are under severe corrosive effect. Ships Hull and other steel equipment which is directly contact with the Scrubber Discharge Water cannot continue to operate unprotected for a long time. With Advanced Belzona Protection, the affected areas will be shielded and the Ship can cruise safely while operating with Scrubber Systems.

### PICTURES

1. Surface has been prepared and cleaned
2. Scrubber Discharge pipe Coated
3. Applying first coat of Belzona 1391T
4. Applying final coat of Belzona 1391T



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

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Q 09335  
ISO 14001:2004  
EMS 509612

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