

BELZONA CONTAINER SHIP RUDDER REPAIRS

ID: 116

Industry: Marine
Application: SOS-Ships and Offshore Structures

Customer Location: Major U.S. Container Ship Company
Application Date: February 1995

Substrate: Steel
Products: * Belzona® 1111 (Super Metal) Belzona® 1121 (Super XL Metal) ,

Problem

Very severe erosion/corrosion of steel components of the ship's rudder



Photograph Descriptions

- * Pintle pin bore after molding, 95-99% contact per ABS Surveyor ,
- * Rudder being installed on ship after pintle pin repairs ,
- * Rudder stock bore with Belzona® 9411 (Release Agent) ,

Application Situation

Ship's rudder

Application Method

The application was carried out in accordance with Belzona Know-How Leaflets SOS-3 and MPT-1.

Belzona Facts

Conventional repairs using only welding and machining/field boring would have required a very long stay in drydock, causing severe disruption of cargo schedule with huge losses.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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manufactured under an ISO
9000 Registered Quality
Management System.

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