# **Belzona Restores And Protects Jet Tubes From Erosion**

ID: 8290

Industry:MarineCustomer Location: GreeceApplication:SOS-Ships and Offshore StructuresApplication Date: June 2020

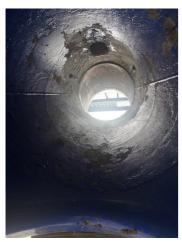
Substrate: Mild Steel

Products: \* Belzona 1311 (Ceramic R-Metal),

\* Belzona 1341 (Supermetalglide),

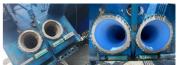
#### **Problem**

The 4 Jet Tubes presented severe pitting and cracking, due to erosion and cavitation. This existing paint system has failed locally, leading to metal loss and cracks.









## **Photograph Descriptions**

- \* Initial State Of Jet Tubes ,
- \* Jet Tubes Blasted to Sa 2,5,
- \* Belzona 1341 Applied,
- \* Jet Tubes Before and After Application of Belzona System,

## **Application Situation**

High Speed Passenger Ferry Jet Tubes

## **Application Method**

Application is carried out in accordance with Belzona Know-How System Leaflets SOS-1 & 2. Surface was prepared according to ISO 8501-1 Sa 2,5. All the areas suffering from pitting, cracking and metal loss, were rebuilt with Belzona 1311. Finally, two coats of Belzona 1341 were applied to the whole internal surface of the Jet Tubes, in order to provide erosion protection & water flow

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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optimisation.

### **Belzona Facts**

The customer was having severe problems, due to the inability of the existing paint systems to provide erosion and cavitation protection. Belzona application was introduced to the customer from another Shipping Company, who were completely sastisfied with the same application in one of their vessels.