Propeller blades cavitation protection

ID: 5485

Industry: *Marine*
Application: *SOS-Ships and Offshore Structures*
Customer Location: *Croatia*
Application Date: *March, 2014*

Substrate: *Bronze*
Products: ** Belzona® 1321 (Ceramic S-Metal) ,*

Problem
Cavitation on older propeller blades in service demanded protection of new propeller blades.

Photograph Descriptions

* Propeller ,
* Blade ,
* Surface preparation ,
* Belzona 1321 applied ,

Application Situation

New propeller blades cavitation protection

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SOS-2. Blades were prepared to recommended profile roughness, degreased and coated with two layers of Belzona 1321.

Belzona Facts

Previous two propellers with the same design had cavitation and were in service. The new ones were protected with Belzona 1321 and put into service. Satisfied customer ordered repair and protection of old propellers with Belzona 1311 and Belzona 1321.

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

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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