BELZONA REDUCES DREDGING PUMP REFURBISHMENT COSTS

ID: 8134

Industry: Marine Customer Location: Dredging Operator, Teesside, UK

Application: CEP-Centrifugal Pumps Application Date: October 2019

Substrate: Steel

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

* Belzona 1814 ,

Problem

The dredger pump had suffered significant localised damage with several areas requiring repair. The damaged areas extended into nozzles, but the worst attack had been in the belly of the pump.









Photograph Descriptions

- * 1. Hopper Dredger Vessel,
- * 2. Initial damage to pump,
- * 3. Worst effected area of pump,
- * 4. Finished application of Belzona 1814,

Application Situation

Dredging pump onboard.

Application Method

The application was carried out in accordance with Belzona system leaflets CEP-3 and CEP-5. After treating surfaces with SaltAway to remove soluble salts, the areas were grit blasted and degreased. Belzona 1311 was used to fill localised pitting and to rebuild edges. Finally, the belly of the pump was protected with 3mm of Belzona 1814, which was feathered towards the edges.

Belzona Facts

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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