

Client: <i>V. Ships</i>	Industry: <i>Marine</i>
Vessel: <i>Yeoman Bridge</i>	Date: <i>2008 - ongoing project</i>
Location: <i>Poland</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

The ballast tanks onboard the Yeoman Bridge had previously been coated with coal-tar epoxy. Areas within these ballast tanks were now showing signs of corrosion damage and required to be patch repaired.

Challenge

To find a protective coating system which would be compatible with a coal-tar epoxy tank lining.

Solution

Chemco's **Epo-chem™ RS 500P (primer) & RA 500M (topcoat)** were selected as the protective coating system to be utilised as it is uniquely compatible with coal-tar epoxies. The areas which required the patch repair were mechanically prepared by power tooling to St2 standards. Upon completion of the surface preparation, one coat of **solvent-free, wet & rust tolerant Epo-chem™ RS 500P** was applied to the prepared areas. This was followed by one topcoat of **solvent-free, wet tolerant Epo-chem™ RA 500M**.

Outcome

The unique characteristics of **Epo-chem™ RS 500P** allowed the system to be applied with no compatibility issues and with strong adhesion to the coal-tar epoxy. The owners of this vessel are very satisfied with **Chemco** and issued a letter of recommendation. They also stated that after 5 years the coating is still in perfect condition.

Benefits

- Solvent-free
- No grit blasting
- Rust tolerant properties of **Epo-chem™ RS 500P**
- Compatibility with coal-tar epoxy
- Reduced H&S and Fire Precaution
- Substantial time and cost savings

Continued overleaf

1



2



Photographs

- No. 1 Surface prepared by mechanical preparation
- No. 2 Patch repair complete

3



4



Photographs

- Nos. 3 and 4 Patch repair complete

- Solvent-free • Water-based • Wet-tolerant
- Rust-tolerant • Zero VOC
- Tank & Pipe Linings • Under-water & Marine • Glassflake
- Rust Converters & Primers • Ceramic & Metal Repair • Anti-static, Conductive & Anti-slip Flooring
- Approved for Contact with Food, Drinking Water & Beverages • Damp or Green Concrete Primers
- Concrete Repair Systems • Elastomeric System
- High Temperature Systems • Fire Retardant • Insulation Systems

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