

Client: <i>Northern Marine Management</i>	Industry: <i>Marine</i>
Vessel: <i>Stena Companion</i>	Date: <i>March 2015</i>
Location: <i>Antwerp, Belgium</i>	Product: <i>Epo-chem™ RS 500P</i>

Overview

The ballast tanks on-board the Stena Companion, which had previously been coated by one of the leading coating companies, were showing signs of corrosion damage. Over 30,000m² required to be patch repaired.

Challenge

Grit blasting was not permissible due to time constraints. A coating system compatible with the existing ballast tank coating was also required.

Solution

High pressure water washing was used as the main surface preparation method, with inaccessible areas mechanically prepared. All edges, welds and inaccessible areas were stripe coated, followed by one touch up coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P**.

Outcome

The unique characteristics of **Epo-chem™ RS 500P** allowed the system to be applied with no compatibility issues. Significant time and cost savings were achieved by utilising this **Chemco** system.

Benefits

- Solvent-free
- No grit blasting
- Reduced H&S and Fire Precautions
- **Chemco** system is compatible with almost all existing ballast tank coatings
- **Chemco** uniquely guarantee their patch repair work

Continued overleaf

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Photographs

- Nos. 1 and 2 Original condition
- No. 3 After surface preparation

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Photographs

- Nos. 4 - 7 Completed application

- 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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