

Client: <i>Yeoman Group / V. Ships</i>	Industry: <i>Marine</i>
Vessel: <i>Self Discharging Bulk Carrier</i>	Date: <i>October 2011</i>
Location: <i>Poland</i>	Product: <i>Epo-chem™ RS 500P</i>

Overview

In 2010 this vessel caught fire resulting in $\frac{1}{3}$ of the ship's structure being destroyed. Due to the unique structure of this vessel, the owners decided that they would like to rebuild the areas which were affected by the fire. Over 30,000m² had to be recoated; including the conveyor belt area, pipe tunnels, corridors and elevators.

Challenge

The client required a coating system which could be applied whilst hot work and other trades were also being carried out nearby simultaneously. The client was looking for a coating system which could be applied in the cold wintry conditions.

Solution

Major time and cost savings could be achieved by utilising Chemco's one coat solvent-free solution as opposed to the standard two coat solvent-based system offered by major paint companies. The surfaces were abrasive blasted to a minimum Sa 1 standard, followed by one coat of solvent-free, wet & rust tolerant **Epo-chem™ RS 500P**, offering 10 years plus life expectancy.

Outcome

By utilising Chemco solvent-free solution, coating application could be undertaken during the rebuilding programme, whilst conventional systems would require the rebuilding programme to be complete before they could be applied. This significantly reduced the overall project duration resulting in huge time and cost savings.

Benefits

- Solvent-free
- No humidity or dew point restrictions
- No disruption to other ongoing work in the vicinity
- Reduced H&S and Fire Precaution issues
- No over-coating limitations
- Substantial time and cost savings
- Can be applied in cold wintry conditions

Continued overleaf

1



2



3



Photographs

- Nos. 1-3 After surface preparation

4



5



6



7



8



9



Photographs

- Nos. 4-9 Completed application

East Shawhead Industrial Estate
Coatbridge ML5 4XD
Scotland United Kingdom
Tel: +44 (0) 1236 606060
Fax: +44 (0) 1236 606070
Email: sales@chemcoint.com
Web Site: www.chemcoint.com