

Client: <i>Bourbon Offshore Asia</i>	Industry: <i>Marine</i>
Scope: <i>Void Tanks - Surfer Boats</i>	Date: <i>June & October 2013</i>
Location: <i>Singapore & Indonesia</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

The aluminium void tanks onboard Bourbon Offshore Asia's **Surfer Boat 2612 & Surfer Boat 2601**, required to be refurbished as they were showing signs of deterioration.

Challenge

Providing a suitable coating system capable of adhering to a aluminium surface. The tanks are located within a very small confined space only accessible by crawling through. Grit blasting and water jetting could not be utilised due to monetary constraints of the client. Working within a tight timeframe also added to the difficulty of this project.

Solution

The preparation method and the **Chemco** coating specification was the same for both Surfer boats. Utilise mechanical preparation as the surface preparation method. Apply **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** as a primer @ 100µ DFT by roller, followed by a topcoat of **solvent-free epoxy Epo-chem™ RA 500M** @ 250µ DFT.

Outcome

This project was carried out on time with no delays. The **Chemco** system and the speed of the contract was to the satisfaction of all concerned.

Benefits

- Solvent-free
- **Chemco** system capable of adhering to an aluminium surface
- No humidity or dew point restrictions
- Reduced H&S precautions
- Reduced contract duration
- Reduced cost of plant and equipment

Continued overleaf

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Photographs

- Nos. 1-2 Surfer Boats 2612 & 2601 Before Surface Preparation, Respectively

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Photographs

- Nos. 3-4 Surfer Boats 2612 & 2601 After Surface Preparation, Respectively
- Nos. 5-6 Surfer Boat 2612 After Application of Chemco System
- Nos. 7-8 Surfer Boat 2601 After Application of Chemco System

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