Case Study



Client: Bourbon Offshore Asia

Scope: Void Tanks - Surfer Boats

Location: Singapore & Indonesia

Industry: Marine

Date: June & October 2013

Products: Epo-chem™ RS 500P & RA 500M

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 @

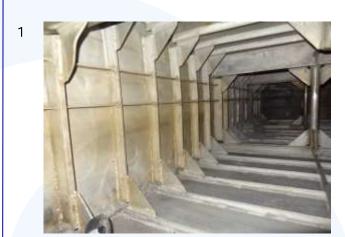
100µ DFT by roller, followed by a topcoat of **solvent-free**epoxy **Epo-chem™ RA 500M** @ 200µ DFT.

<u>Outcome</u>

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





<u>Photographs</u>

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

Continued overleaf

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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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