

Customer RFA, through Ship Repair Yard, NW
Sector Marine
Date June 2012
Ref no. 20052

APPLICATION EXAMPLE

Coating to cooling water inlet pipes

Situation

As part of a major overhaul of a large FRA vessel, it was decided that modifications to the existing cooling systems would be undertaken. As part of this modification new pipe spools were designed and fabricated. Due to excessive erosion noted in the original pipe work, part of the new specification included for the application of a long term protective coating to the internal surfaces.

Implication

The existing pipes were not able to be repaired as the internal corrosion had left the wall thickness too thin. Without new fabricated pipes the ships engine could not start.

Solution

The ship yard fabricated new pipes and to prevent corrosion they were blasted to SA2.5, and then received two coats of Resimac 203 ceramic repair fluid. The Resimac ceramic repair fluid has excellent abrasion resistance and smoothed out the welded areas to ensure a smooth flow.

Facts

The pipe spools were 12" dia, and intricate in design. **Mark Specialist Applications** was chosen to undertake these works due to our extensive experience in this environment.

