



MARINE HYDRAWRAP

STRUCTURAL COMPOSITE REPAIR SYSTEM

Market

Marine

Challenge

To repair seawater piping coming from the sea chest to the HVAC chill water pumps. The carbon steel piping was inspected, and it was determined the the pipe wall loss was 70%.

Engineered Solution

The Port Engineer contacted the American Bureau of Shipping and they recommended Marine HydraWrap® Carbon Fiber Structural Repair, which is ABS approved for temporary shipboard piping repairs. The surface was prepared and Marine HydraWrap® was applied.

Scope

Marine HydraWrap® 4" Straight Spiral Kit was purchased, the surface was prepared and Marine HydraWrap was applied according to directions.

Solution

The crew found the carbon fiber wrap easy to work with and extremely durable. They expect the repair to be leak-free until the vessels' routine dry docking in 18 months. The use of Marine HydraWrap® eliminated the need to shut down the system to replace.



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