

SYNTHO-SHIELD™

TITANIUM STRESS JOINT RUBBER COATING REPAIR



Problem

The Titanium Stress Joint, TSJ, rubber coating is damaged from unexpected loop current event during J-Lay.

Conditions

TSJ was inspected to verify that there was no damage to titanium. In this case, all damage was localized in rubber coating.

Solution

Petrolatum Tape undercoating applied for water-proofing and corrosion protection. Syntho-Glass protective outer wrap was applied over a Petrolatum Tape providing mechanical and impact strength.

Result

The TSJ rubber coating repair was completed in a matter of 30 minutes and J-Lay continued. RTIES customers have successfully performed offshore TSJ rubber coating repairs using the Syntho-Shield system, both on-deck and underwater.

Neptune Research, Inc. is a leader in innovative solutions for pipe repair and corrosion protection. Since its founding in 1982, Neptune Research Inc. has been engaged in the development, manufacturing and marketing of a patented resin impregnated fiberglass cloth which provides an effective, time and cost efficient solution for the repair and corrosion protection of pipes, pipelines, pilings and similar structures. Our products are used globally and serve a broad range of markets including municipalities, industrial, marine, oil and gas, mining and utilities. Pioneering composites for more than 25 years, NRI has earned its leadership position in this expansive industry.



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