

Inspection, Repair, and Maintenance

Since 1996, Phoenix has been providing quality Inspection, Repair, and Maintenance (IRM) services that help ensure the integrity, reliability, and safety of our clients' offshore floating platforms. We achieve this through our ingenuity, diverse and comprehensive knowledge, and IRM teams made up of project managers, engineers, divers and technicians with decades of offshore expertise.

Inspections

Our proactive approach to inspections works to ensure that issues are discovered before they become problematic, helping save our clients valuable time and money. We work closely with, and are certified by, all major regulatory compliance agencies and fully understand the inspection criteria set forth by each. As such, Phoenix is pleased to offer the following inspection programs:

- Underwater Inspection in Lieu of Dry Docking (UWILD)
 - Low/high Fatigue Areas Visual Inspection
- Hull Life Extension
- In-Service Inspection Plan (ISIP)
- Level II and III Nondestructive Examination (NDE)
 - Close Visual Inspection (CVI)
 - Flooded Member Detection (FMD)
 - Eddy Current
 - Magnetic Particle Testing (MT)
 - Ultrasonic Testing (UT)
 - Liquid Penetrant Testing (PT)
 - Cathodic Potential (CP) Measurement
 - Alternating Current Field Measurement (ACFM)

Contact us to learn more

www.phnx-international.com

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281.815.8050—Houston, TX | 301.341.7800—Largo, MD

757.855.7516—Chesapeake, VA | 808.486.6595—Aiea, HI

619.207.0871—San Diego, CA | 228.731.7898—Stennis Space Center, MS



Maintenance

Regularly scheduled maintenance on often utilized offshore equipment not only enhances its lifespan, it improves equipment performance and preservation of the asset. Some of the maintenance services Phoenix provides are:

- Riser clamp change out
- Anode change out
- Tendon porch grounding straps

Maintenance-Cleaning

- Hull
- Acoustic Doppler Current Profiler
- Fire pumps
- Suction
- Dry tree strakes
- Water intakes

Repairs

Offshore floating platforms are under constant barrage from the ocean's harsh elements, which can lead to serious damage to the materials. We understand that time is money and Phoenix teams make every effort to provide fast-track repairs backed by strong and experienced in-house engineering support. Repairs performed include:

- Hyperbaric welding repair inside dewatered tendon porch
- Welding repairs inside of pontoons
- Tendon Tension Monitoring System (TTMS) repairs
- Sea chest installation
- Cable repair and replacement
- Sensor replacement and recalibration

Topside, Dry Hyperbaric, and Wet Welding

American Welding Society (AWS) & American Bureau of Shipping (ABS) Approved Procedures:

- SMAW wet welding of regular strength, high strength, and high yield (HY-80) carbon steels
- SMAW topside and underwater dry chamber welding of regular strength, high strength, and high yield carbon steels
- GTAW surface welding of monel and stainless
- GMAW surface and dry chamber welding of 5000 and 6000 series aluminum
- Ongoing procedure development for clients



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