

# Surface Preparation on Gulf Coast Offshore Oil Platform

*Progressive Technical Services, Inc. (ProTec) uses Sponge-Jet® Sponge Blasting™ System to blast pipe racks and corrugated decks for high quality, low liability paint preparation*



ProTec, which manages maintenance operations for over thirty offshore rigs, wanted to extend and improve the life of coating systems. They chose to use Silver Sponge Media™ abrasives. The choice was based on the clean, dry, low dust characteristics of Sponge Media abrasives, and their ability to limit over-blasting and most problems common to other blasting technologies:

■ **Over-blasting:** ProTec needed to limit damage typically caused by over-blasting. Any undetected over-blasted areas might call for unscheduled and unbudgeted maintenance. Pliant Sponge Media abrasives absorb collision energy, limiting media ricochet to other surfaces.

■ **Sensitivity:** ProTec wanted to limit the chances of damage to nearby pumps, process piping, generators and electronic control systems. The cause of failed equipment is often traced to dusty, conventional abrasive blasting. Porous, pliant and larger particle-sized Sponge Media abrasives trap dust, limit rebound, and diminish subsequent damage to nearby sensitive equipment.

■ **Media Consumption:** Limited platform storage space made the need for lower media consumption rates critical. Sponge Media abrasives are easily reusable, unlike many conventional abrasive medias.



Visit Sponge-Jet, Inc. at  
**[www.SpongeJet.com](http://www.SpongeJet.com)**  
or call **603-610-7950**  
to learn more about the  
Sponge Blasting System

The reusability of Sponge Media abrasives lowered material costs, handling, freight to and from the platform as well as disposal costs. Project results indicated lower total project costs, no over-blast, and no subsequent damage to sensitive equipment.