



San Pedro Bay Pipeline (SPBPL) “Smart Pig” Internal Line Inspection

**Long Beach, California
Client: Beta Offshore**

The SPBPL is a 17.3 mile 16” subsea line that runs from Beta to a pumping station in the Port of Long Beach. Installed in 1980, the line had never been internally inspected. The internal line inspection (ILI) was mandated by the Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE), the California State Lands Commission (CSLC), and the US Department of Transportation (DOT) Office of Pipeline Safety. DPSI was the overall project manager for this project.

DPSI’s scope of work included:

- The design and management of improvements to the offshore platform necessary to launch and push the smart pigs
- Coordination of approvals from BOEMRE, DOT, and CSLC for technical plans
- Development and management of the construction schedule
- Coordination with platform operations of shutdown, line flushing, and launching of the smart pigs
- Review of technical data from both the UT and MFL tools
- Incorporation of ILI results into the DOT mandated Pipeline Integrity Management Program

The line was successfully inspected in September of 2007, using GE’s state-of-the-art Ultrascan Smart Pig. A Tuboscope Magnetic Flux Leakage (MFL) tool was also run to allow comparison of the two leading ILI technologies.