



Weatherford®

Pipeline & Specialty Services

SAAM® Pipeline Inspection

The Original Smart Utility Pig

The SAAM tool is installed inside a utility pig and measures and records the pig's behavior through a pipeline. This technology provides a versatile, cost-effective inspection solution to pipeline operators.

Applications

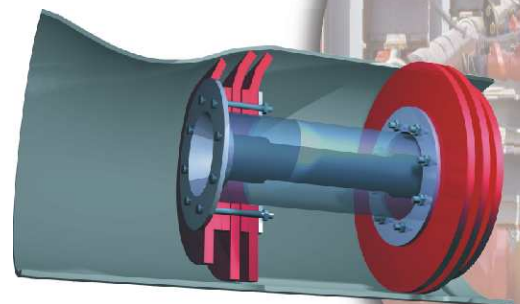
- **3D out-of-straightness measurement**—can identify and trend monitor upheaval and lateral buckles, pipeline scouring or spanning, low spots, subsidence and river crossings
- **Locate internal debris** (e.g. Paraffin wax)—type and location of debris can be identified and its extent monitored in conjunction with control and inhibition techniques.
- **Locate internal bore restrictions**—location of dents or flat-spots can be identified, as well as other anomalies associated with a reduction in internal bore
- **Locate internal corrosion**—SAAM can be used as a corrosion screening tool, providing a first pass assessment of the condition of the pipeline, and a trend-monitoring program thereafter.
- **Log process data**—data such as pressure and temperature can be recorded, giving the operator useful information about pipeline product
- **Diagnose and optimize pigging**—pigging problems can be identified, and advice given on effective pipeline pigging programs

Key Advantages

- Low cost—making more frequent, or non-budgeted surveys more affordable
- Multiple risks/conditions assessed in one inspection—no dedicated extra runs required.
- Low risk to pipeline operation—no production deferment required

Installed completely within a utility pig, the SAAM technology can be used in a regular assessment and maintenance role, as well as in one-off troubleshooting applications.

The New Generation Service CompanySM



Technical Specification

For a detailed product specification contact us. Specials are available upon request.

Pipeline size range:	6-in. and greater
Max. operating temperature:	130°C (266°F)
Max. operating pressure:	325 barg (4,714 psig)
Max. survey run time:	336 hours