

EcoVision™ Ultra-High Resolution MFL ILI Tool System

The Cypress In-Line Inspection (ILI) proprietary system is eco-friendly for safeguarding our industry's vital energy transportation assets with an MRI approach for superior condition assessment of Oil & Gas pipelines.

Benefits:

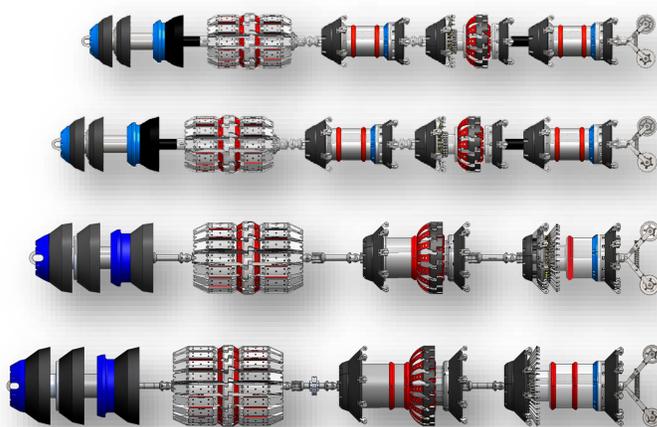
- Unparalleled resolution for accurate circumferential and axial signal characterization (0.125" sensor spacing)
- Main Corrosion, Internal/External Defect Discrimination (IDOD), Geometry, and Inertial Measurement Unit (IMU) data sets in a single ILI run
- EcoVision™ UHR MFL ILI Tool Systems are performance qualified in accordance with API STD 1163 (In-Line Inspection Systems Qualification)
- EcoView™ Software allows for fast and accurate viewing of the pipeline data collected by our ultra-high resolution tools
- Data Analysis and Field Operations personnel fully qualified under ANSLASNT STD ILI-PQ-2017 (In-line Inspection Personnel Qualification and Certification)
- Exceptional customer service and project execution



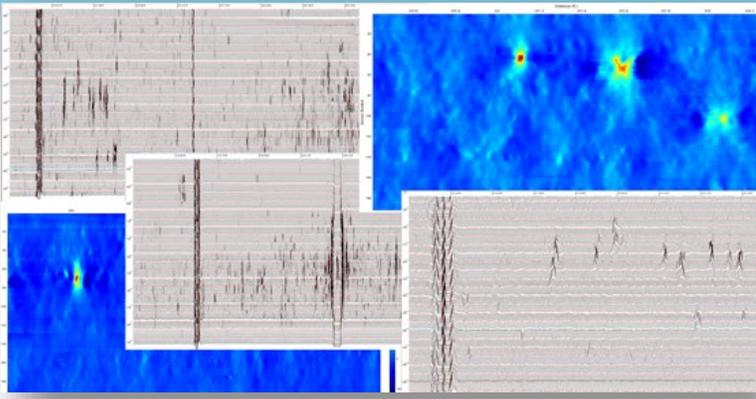
Magnetizer body features 'S-shaped' proprietary sensor design.



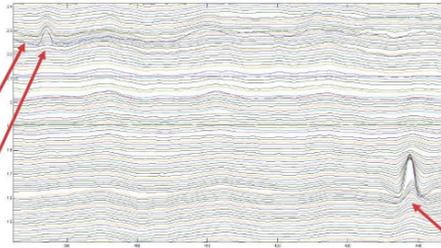
Onboard pipeline geometry assessment (caliper) and onboard Inertial Measurement Unit (IMU) for pipeline XYZ mapping.



MFL In-Line Inspection Tools (6-in, 8-in, 10-in, and 12-in)



Proprietary 'MFL Data Viewer' formatted to client specifications.



A-scan with defects



.0231" & 0.279"
Defect Depth (44% & 54%)



.448"
Defect Depth (>90%)

Cypress Turnkey Services Available:

- ILI Support Services: AGM/GPS Surveys, Pig Tracking, Dig Stacking & As-BUILTS, DOC & Centerline Surveys, Pipeline Marker Replacement & Installation, tool lifting and cleaning, and comprehensive Project Management.
- Non-Destructive Examination (NDE): Flaw Analysis and Sizing Technique (FAST™), Quality Ultrasonic Examination and Sizing Technology (QUEST™), Phased Array (PAUT), OD Anomaly Assessment (Creaform Laser Scanner & Pipecheck™ Software)



Tool being transported into launcher



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