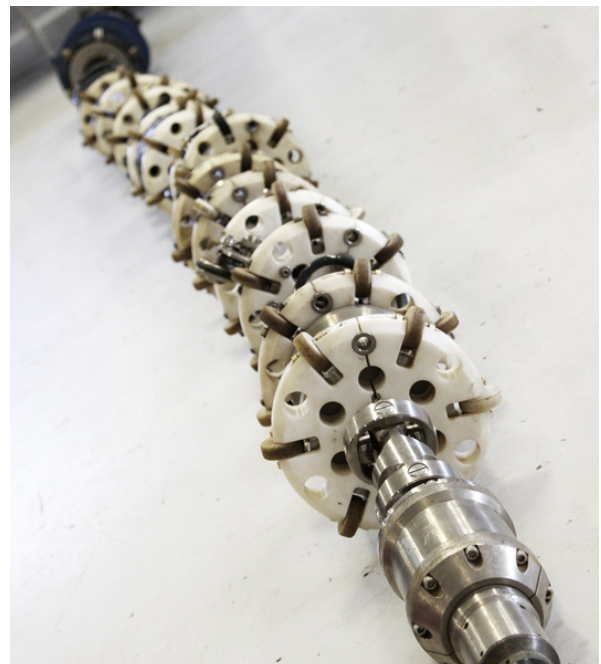


PipeScan

Tethered ultrasonic inspection tool

PipeScan provides high-resolution tethered ultrasonic inspection of pipelines and risers. It generates valuable data on wall thickness, corrosion, geometric features and other pipeline inclusions such as valves, flanges and bends.

PipeScan is specifically made for unpiggable pipelines and uses propulsion systems to access lines normally outside the range of in line inspection pigs.



FEATURES

Real time communication enables data monitoring

Size range 6 in to 52 in diameters - other sizes available on request

Offers detailed geometry survey of the line

Can be combined with Oceanering's video/laser tools

PipeScan

Tethered ultrasonic inspection tool

Cost effective, 360 degree coverage, integrated with live video and/or internal mapping (IMU) allowing for instantaneous review of information and decisions to be made real time.

Technical data

PipeScan Features	Dimensions/Information
PipeScan Size Range	6 in -52 in, other sizes available upon request
Ultrasonic Technology	Pulse Echo (PE)
Operating Liquid	Water, treated seawater, stabilized crude, diesel and other liquids by agreement
Wall Thickness Range	>5.0 mm upwards
Accuracy of Positioning along Axis	+/- 0.5%
Axial Sampling Frequency	3 mm step standard / 1 mm optional
Inspection Coverage	360 degrees
Feature Detection	Internal and external corrosion, dents, weld root corrosion, mid-wall defects. (ext./int. discrimination), grinding/gauging and geometrical deviations/misalignment
Detectable Pipeline Installations	Valves, tees, fittings, bends, sleeves
Applications	Risers, flowlines, caissons, pipelines, conductors, subsea tie-ins
Propulsion Methods	In order to choose the correct propulsion/deployment method, it is important to understand pipeline conditions such as: <ul style="list-style-type: none"> • Tool entry point i.e. a broken flange • Bends: number, bend radius, etc • Tees: number, barred/unbarred etc • Pipe information: ID, ID changes, etc