



CONTACTLESS MAGNETIC INSPECTION

UAV based buried pipeline geolocalization and mapping

Skipper NDT proprietary technology enables to perform **high precision measurements** using a drone vector:

- **Vertical and horizontal network precision** superior to **15cm on average**.
- **Depth of cover** data available with **centimetric accuracy**
- Absolut GNSS positioning for **increased accuracy**
- **Continuous measurement** with a data point every centimetre

MAPPING OF BURIED NETWORKS

Skipper NDT inspection allows the **creation of high-resolution magnetic maps** regardless of terrain conditions. It allows **the creation of a precise 3D digital twin** of the network.



SKIPPER'S DRONE FEATURES



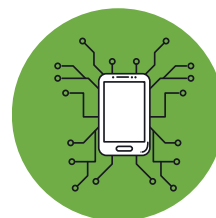
Hardware

High precision geolocated magnetic measurements
(magnetometers, GPS, IMU, electronic card and processors)



Software

Proprietary algorithms
allowing an automatic data interpretation under field conditions



Technology

Skipper NDT system improves **field operational safety, reducing data acquisition/ processing time & cost**

OUR COMPETITIVE ADVANTAGES



Reduced human risk
thanks to autonomous data collection



Access to the entire network
regardless of ground conditions or obstacles



Continuous data acquisition enabling identification of critical points such as pipeline crossing, parallel lines or metallic objects



Speed of acquisition 3X quicker than traditional tools which reduces inspection time and cost