

Map your water crossings without putting a diver in the river.

Fully automated, remote location and depth-of-cover survey for pipelines under waterways — **accurate, repeatable, and ILI-compatible.**

Inspecting a pipeline under water still means divers, boats, and one-off data you can't reuse. Skipper NDT maps the exact 3D position and depth of cover **from the surface — no divers, no line interruption** — so your integrity team knows where the pipe actually is, and ILI goes where it can't.

<1 ft

XYZ accuracy (33 cm) at 90% confidence interval

6-10×

faster than traditional water-crossing inspection

1 / 2 in

one measurement every 2 in — high data density

100%

automated acquisition — no divers, done remotely

03 - TRADITIONAL APPROACH VS. SKIPPER NDT

TRADITIONAL APPROACH		• SKIPPER NDT
Field safety	Divers & boat crews exposed to hazards	No divers — acquired remotely
Data acquisition	Manual — EM finders & divers	100% automated procedure
Data quality	Coarse, poor repeatability	Dense & repeatable — 1 pt / 2 ft
Logistics	Significant — boats & divers	Surface survey, minimal footprint
Records	Limited historical reuse	Fully documented electronic records
Turnaround	Slow — heavy mobilization	6-10× faster on site

TRUSTED IN THE FIELD

Chosen by **major pipeline operators.**

Built to support PHMSA 5-year crossing inspections and post-flood reassessment under **49 CFR Part 195** and Germany's TRFL (Rohrfernleitungsverordnung).