TPI GROUP TECHNOLOGY PARTNERS INTERNATIONAL

Marine & Underwater Services



Pipeline & Subsea Cable Inspection

Every finding carries a route reference, so a crew can go straight back to it.

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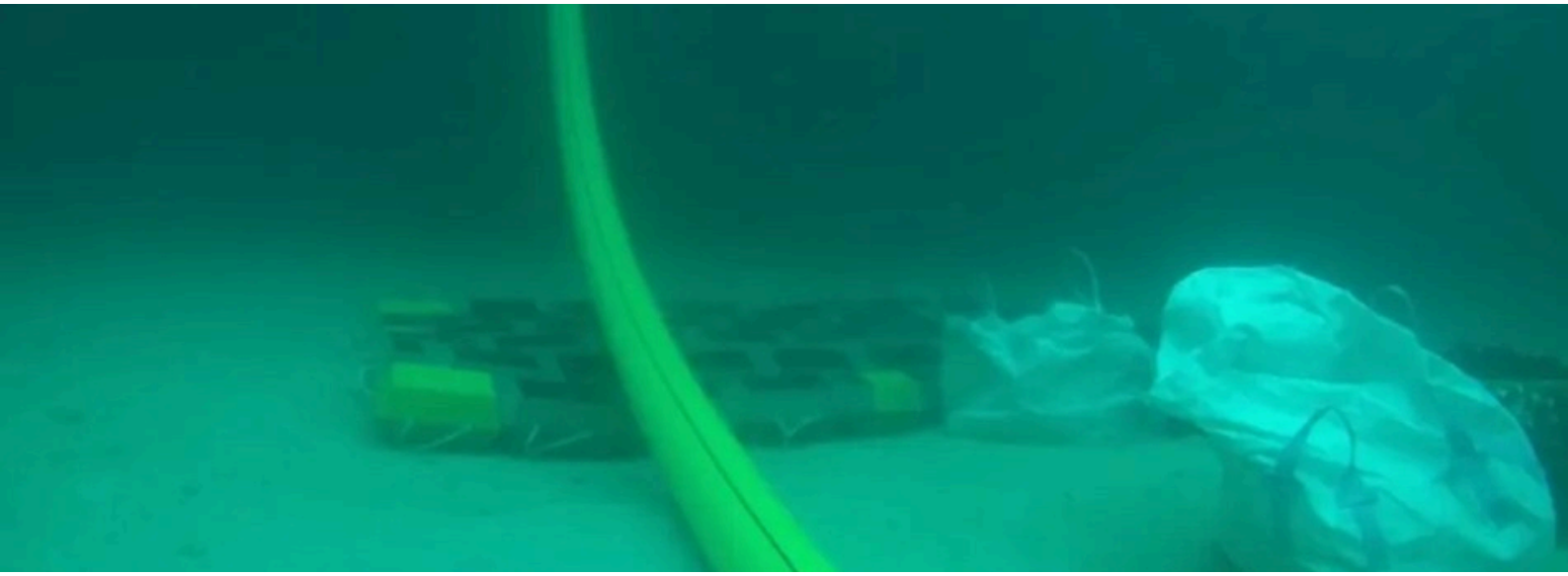
We inspect accessible pipeline and cable sections to document external condition, supports and visible interaction with the seabed. Each scope defines the route sections, coverage and measurements your assessment needs.

Pilots fly operator-supervised passes along the known route and stop at crossings, supports and free spans. Every finding carries a route reference, so a crew can go back to the same spot.



What we cover

Exposed pipeline inspection

We locate coating damage, corrosion and deformation on exposed pipe. Scaled images and route references let your team size and revisit local defects.

Free spans and supports

We identify unsupported sections and inspect sleepers, clamps and supports. Where geometry and coverage permit, we measure span length or seabed clearance.

Crossings and interfaces

We document displaced supports, erosion and interference at exposed river, creek and subsea crossings.

Subsea cable inspection

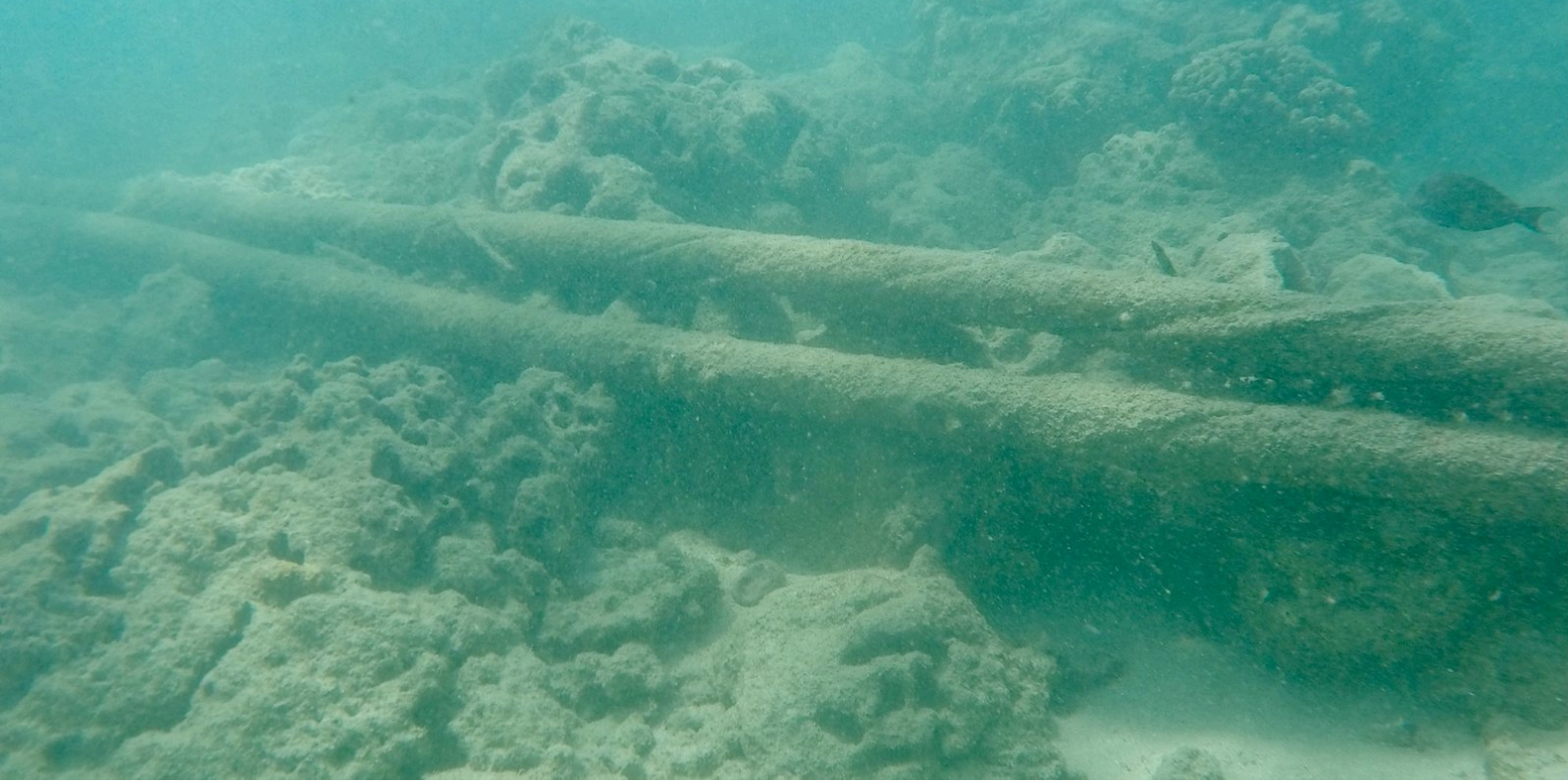
We inspect agreed lengths of exposed power and telecom cable for external damage, displacement and interference.

Cable and pipeline protection

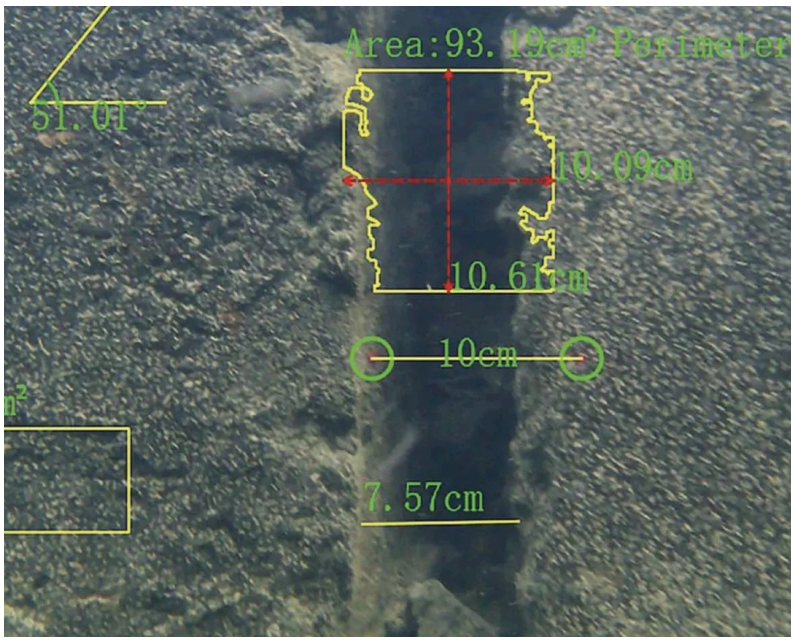
We check mattresses and rock protection for gaps or displacement, bend protection for damage, and the condition of accessible cable entries.

Incident and installation checks

We document priority locations after storms, suspected damage or installation work, with paired observations before and after intervention.







Where it is used

Offshore flowlines, exposed export pipelines, power and telecom cables, river and creek crossings, and coastal approaches.

Measurement and follow-up

Specified scopes can add validated dimensional measurements, local cleaning, ultrasonic thickness readings on accessible steel and CP potentials. Our engineers can then review the significance of selected findings.

Scope and limits

Locating buried assets, measuring depth of cover, internal inspection and leak-rate quantification need separately specified methods. Visual observation alone does not establish the integrity of a whole pipeline or cable.

What you receive

Route coverage record

Inspected sections, asset references and coverage limits, with mapped locations where positioning is in scope.

Annotated video and stills

Organised recordings and selected images of asset condition and visible anomalies.

Anomaly and measurement register

Referenced findings with specified dimensions or test results, linked to route sections.

Technical findings and follow-up

Observed deterioration and recommended further inspection, maintenance or engineering review.

To scope the work, send us

- Route drawings or coordinates
- Asset dimensions
- Previous findings
- Water depths
- Burial and protection details
- The sections you want prioritised



Talk to our marine team

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Also from TPI

- Offshore & Subsea Asset Inspection
- Underwater NDT & Corrosion Assessment
- Vessel Hull & Marine Structure Inspection
- Bathymetric & Seabed Surveys
- Underwater Environmental & Ecological Surveys

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