TPI GROUP TECHNOLOGY PARTNERS INTERNATIONAL

Marine & Underwater Services



Offshore & Subsea Asset Inspection

Condition evidence for jackets, subsea equipment, risers and moorings, tied to the component it came from.

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We survey the condition of accessible offshore structures and subsea equipment for maintenance planning, incident review and integrity programmes. Each scope follows the asset configuration and your inspection priorities.

Surface-supplied power keeps the ROV working on long runs. Pilots hold position for close-ups, mark findings against component references and log any gaps in coverage. Imaging sonar adds context when visibility drops, and a live image scale lets us size a local feature during the dive or flag it for measurement afterwards.



What we cover

Platforms and jackets

We inspect legs, braces and nodes for damage, corrosion and missing parts. Local cavitation cleaning at up to 500 bar can expose a connection for a closer look.

Wellheads and subsea systems

Our cameras record the external condition of trees, manifolds, umbilical termination assemblies and protective frames, including visible displacement at accessible interfaces.

Risers and jumpers

We inspect exposed risers and production or gas-lift jumpers, together with their clamps, supports and protection systems.

Buoys and moorings

We record the condition of buoy undersides, chains, ropes, shackles and anchor interfaces, including wear and contact with the seabed.

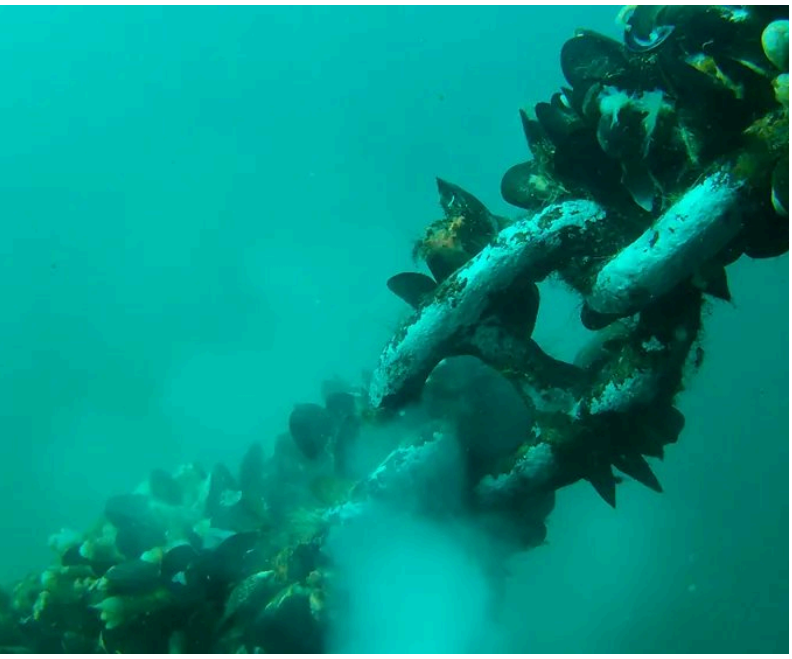
Umbilicals and control lines

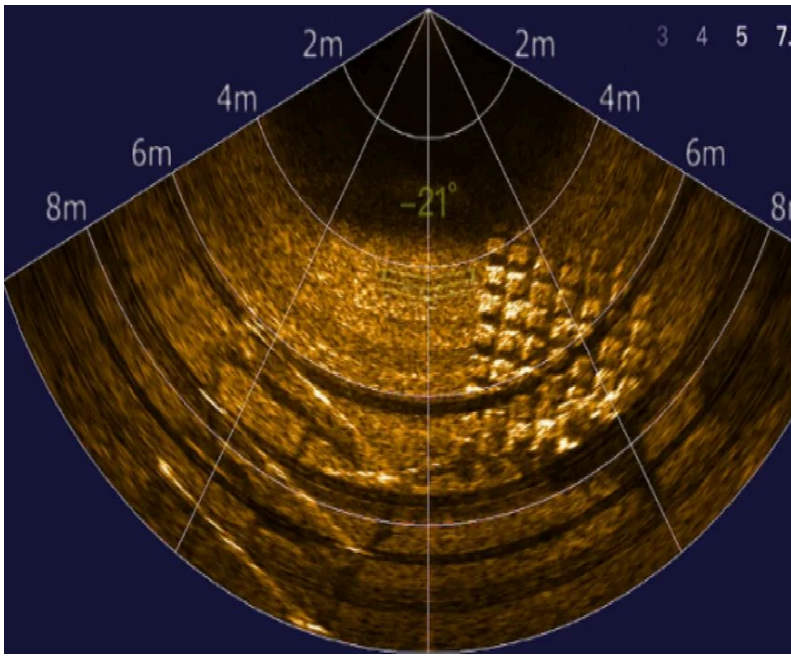
We check external protection, supports and connections on accessible umbilicals and on hydraulic or electrical flying leads.

Anodes and protective systems

We document anode attachment and visible consumption, and size selected features from scaled images, live or after the dive.







Where it is used

Routine condition monitoring, maintenance campaigns, post-storm or post-incident assessment, pre-work and post-work verification, and decommissioning planning.

Measurement and follow-up

Specified scopes can add ultrasonic thickness gauging, cathodic protection potentials and local surface preparation, carried out with suitable tooling and qualified personnel.

Scope and limits

Coverage and methods depend on asset access, visibility, currents, deployment arrangements and the verified capability of the selected equipment. Engineering fitness-for-service assessment is scoped separately.

What you receive

Inspection video and stills

Organised recordings and annotated images, referenced to the inspected assets.

Asset coverage record

The areas inspected, the features that could not be reached and any incomplete coverage.

Anomaly register

Visible defects and observations, with image references and agreed priority categories.

Technical inspection report

Findings, specified measurement results and recommendations for further inspection, maintenance or engineering review.

To scope the work, send us

- The asset locations
- Drawings where available
- Your preferred mobilisation window
- Water depths
- The coverage you need



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- Bathymetric & Seabed Surveys
- Underwater Environmental & Ecological Surveys

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