

Fact sheet

# Underwater ROV inspection services

Setting the standard for underwater inspection

**Underwater remote operated vehicles (ROV) for safe and effective inspection in ports and industry, offshore wind and offshore oil and gas sectors.**



## ROV overview

Utilizing underwater Remotely Operated Vehicles (ROVs), are a safe and cost-effective way to efficiently inspect and assess underwater infrastructure and assets that are not easily accessible by other means.

Areas that are prone to limited visibility and potentially tight spaces are ideal for ROVs as these specialized underwater vehicles use high resolution optical and sonar sensors and dynamic positioning equipment to enhance visual acuity and operational maneuverability. ROV technology provides ultrahigh-resolution underwater visual, video, photo and non-destructive testing inspection results validating integrity, corrosion condition and seabed clearance certification.

Intertek owns and operates a fleet of ROV's with advanced navigation, dynamic positioning capabilities, 3D stereo imaging systems with deep vision optics, mechanical cleaning systems, light work class ROV capabilities and subsea NDT systems.

Our Advanced Unmanned Robotics Services (AURS) team provides underwater ROV inspection capabilities for:

- **Ports:** quays, sheet piles, mooring posts, wharfs, jetties, dock pillars, locks, bridges and other port infrastructure
- **Industry:** cooling water systems, pipelines and valves, storage and water tanks of industries and powerplants
- **Offshore wind foundations, underwater cables and offshore substations:** unparalleled structure integrity condition inspection, NDT, cable protection system inspections, corrosion mapping, coating condition, marine growth measurement, scour protection condition, debris retrieval, underwater cleaning and construction and decommissioning support
- **Offshore oil and gas production platforms, drilling rigs, pipelines and FPSO's:** unparalleled structure integrity condition inspection, riser, conductor, flowline and wellhead inspections, corrosion mapping, NDT, coating condition, marine growth measurement, scour protection condition plus support to construction and intervention projects such as debris retrieval, subsea mechanical and high-pressure water jetting cleaning, repair and maintenance, construction and decommissioning support

**Whether you're planning a new infrastructure project, expanding an existing asset or assessing an existing installation to ensure optimal operability and integrity, our underwater ROV technology is delivered worldwide by our team of expert technical personnel and provides the data and visibility you need to make critical decisions that help minimize safety risks and ensure success.**

## For more information

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