

UNDERWATER REMOTE INSPECTIONS

Your eyes below the surface



AEGIR-Marine's remote inspection service can tackle any type of underwater examination. We can thoroughly and regularly check your vessels and other maritime assets for damage and/or obstructions. Our ROV captures photos and videos, and can stream live video to the surface (or anywhere for that matter) so you can see exactly what's going on below the waterline.

CLASSIFICATION SOCIETY REQUIREMENTS

Many visual inspection activities are planned to coincide with the Class Society's requirements. These inspections can occur when a vessel is in dry-dock. However, they are increasingly being performed as UWILD (Underwater Inspection In-Lieu of Drydocking) operations. These standardised UWILD inspections can be carried out with our ROV.

MAINTENANCE INSPECTIONS

We can mobilise our ROV to identify a wide range of underwater issues.

- Hull damage
- Leak detection
- Obstructions/entanglement in propeller or thruster system
- Propeller damage
- Suspected grounding

EMERGENCY INCIDENT RESPONSE

In the event of an underwater incident, making the best decision can only be done if you have the best information. We will deploy our ROV to get a clear 'under the waterline' picture of your ship. With this accurate real-time information, you can proceed with any post-incident reporting and insurance matters. And we can advise you on the urgency of any required repairs.

HOW WE WORK WITH OUR ROV

Our ROV is small and easy to handle; meaning that we can get it in the water and looking at your vessel in a matter of minutes. It is equipped with a light-sensitive full HD camera with wide-angle lens and powerful LED lights. It is connected to a surface unit via a durable and lightweight tether. Because some ports and waters are more rough than others, we are pleased to report that our ROV remains fully functional in currents of up to ca. 1 m/s



TECH SPECS OF OUR ROV

- Maximum depth 305 metres
- Forward speed (normal use) 1.5 m/s
- Thrusters 4 x 350 W
- Operating temperature -5 to +35 °C

BENEFITS OF AEGIR-MARINE ROV

Our ROV makes ship hull inspections easier, safer, faster, and more cost effective. This allows asset owners and ship managers to make more frequent inspections. This enhanced overview of what the situation below the surface:

- Lowers operating costs
- Lowers emissions
- Increases operational capacity
- Real time monitoring
- High quality data
- Easy Mobilization



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