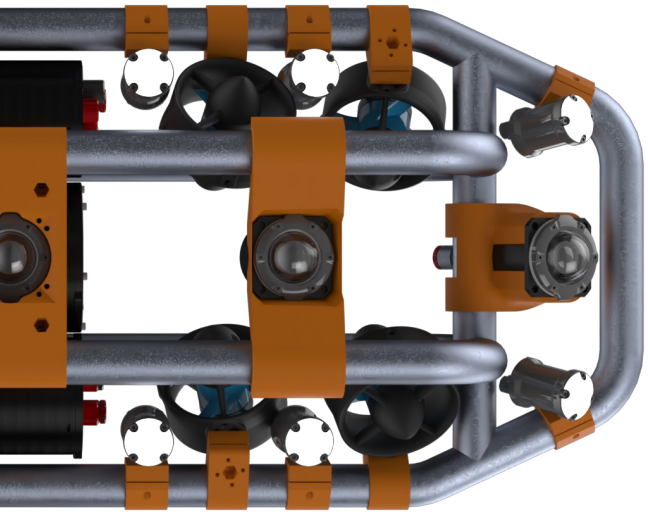
BLUE ATLAS ROBOTICS

BAR15 Underwater Port Inspection Robot

Underwater inspection technology for seamlessly imaging and documenting large underwater surface areas.



Convenient Port Inspections

Seeing underwater is hard, which means valuable underwater assets commonly go unchecked.

BAR15 is the convenient, fast, and seamless way to track and document underwater surface conditions.

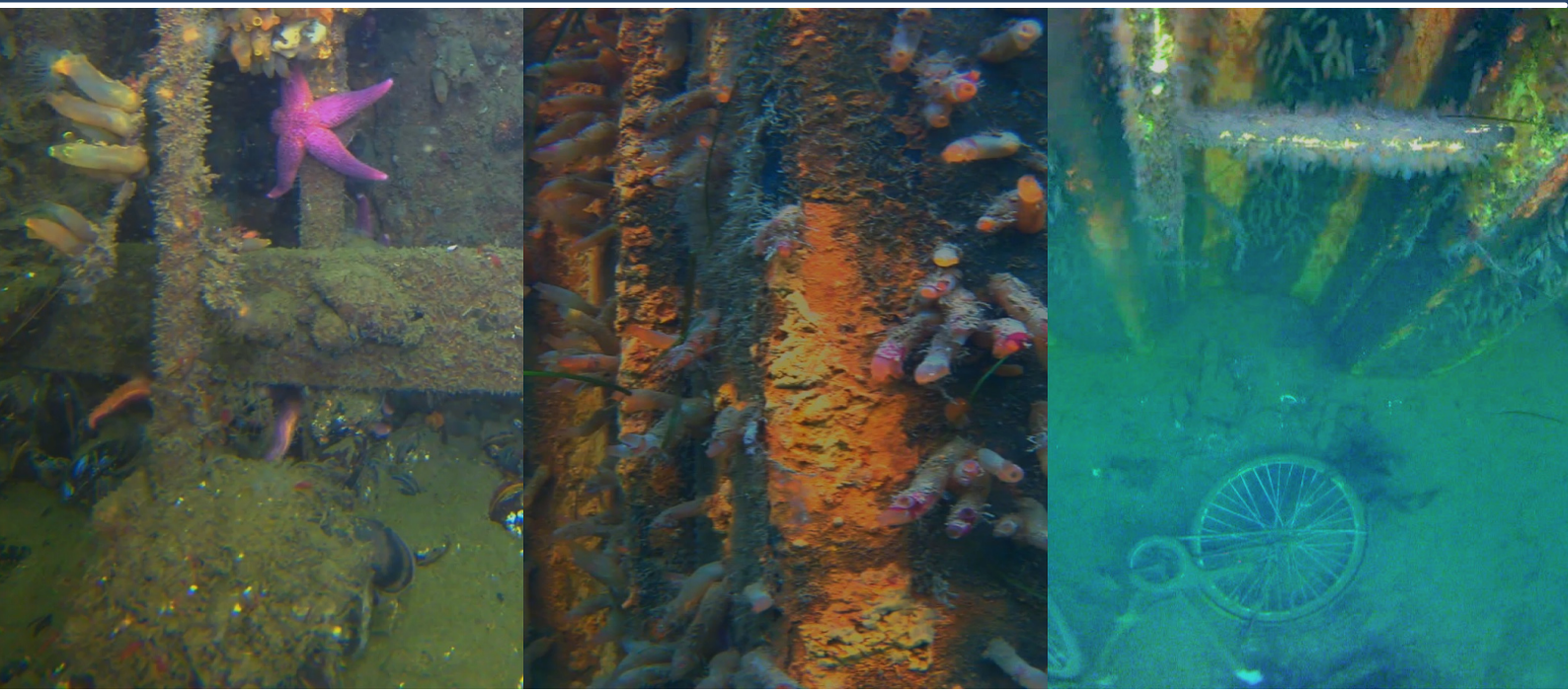
Regular inspections allow you to gain a complete picture of port conditions below the waterline, which opens a pathway to more cost-efficient maintenance planning.

Inspections with Added Value

Regular BAR15 inspections allow for higher materials sustainability by catching repair jobs before they become replacement jobs, lowering materials usage.

Inspections are fast, due to the six onboard cameras and the ability to capture imagery at high speeds. The result is seamless and consistent video and imagery.

Captured imagery is processed into an interactive 3D point cloud area map, featuring true-to-life colours and textures. This makes it simple and fast to identify potential fault areas.

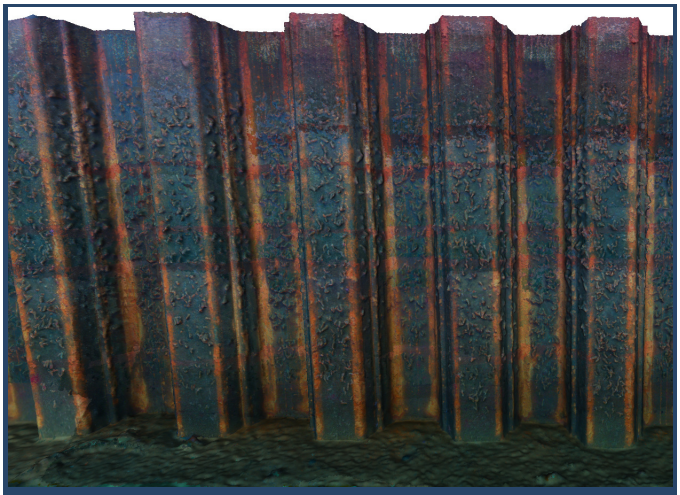


Large Area 3D Surface Maps

ADVANCED PHOTOGRAMMERY TECHNIQUES TURN IMAGERY INTO EXPLORABLE MAPS

- BAR15 produces three types of valuable output - video, still imagery, and a 3D point cloud map.
- Click on a map node point of interest to see the corresponding video snippet or still images.
- Visual outputs are highly detailed and see clearly due to specialty lighting and camera system.
- No need to manually watch hours of underwater footage just to find one point of interest.
- Image capture is automated and seamless, so there is no chance of information gaps in your documentation records. Other technologies rely on the human eye to notice and document points of interest, which can result in information holes. The BAR15 system captures the entire surface area, so no holes can occur.

Large area map of a port pile wall (100m2 approx.)
The BAR15 can capture both small and large areas.



Maps are captured in true colour and tracks surface changes down to the millimetre in accuracy.

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Contact Us

Interested?
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or to book a demo.

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