

Case Study:

UNDERWATER ACOUSTICS INTERNATIONAL SELECT THE ISS360 IMAGING SONAR



FEATURES & BENEFITS

- > **90 METER RANGE**
Long range imaging.
- > **6,000 & 4,000M DEPTH RATINGS**
Ideal for Shallow and Deep Waters.
- > **PITCH & ROLL***
Provides Pitch and Roll to 0.2° accuracy.
- > **SMALL FORM FACTOR**
Smallest Imaging Sonar available.
- > **BROADBAND TRANSDUCER**
Excellent image quality & range.
- > **NO SLIP RINGS**
No components to wear.

*Optional



Underwater Acoustics International (UAI) have chosen the ISS360 Imaging Sonar for installation on their Seamor Chinook ROV.

The ISS360 sonar is the world's smallest imaging sonar, providing a full 360° field of view around the underwater vehicle.

The ISS360 Sonar can detect targets within a range of 90 meters and has a unique inductive coupling of the transducer to enable maintenance-free long term operation.



Underwater Acoustics International ROV with ISS360 Sonar

APPLICATIONS INCLUDE:

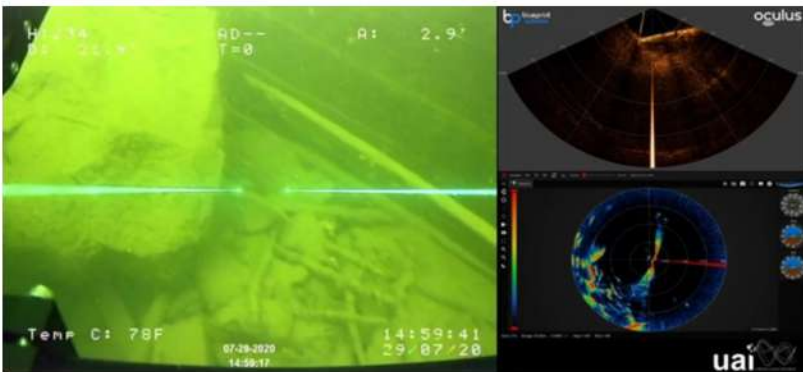
ROV & AUV Navigation | Target Identification | Diver Navigation |
Port Surveillance | Motion Reference | Search & Recovery |

UNDERWATER ACOUSTICS INTERNATIONAL SELECT THE ISS360 IMAGING SONAR



Underwater Acoustics International is a leading underwater services company, specialising in the inspection of penstocks, flooded conduits and tunnels.

The company offer robotic systems equipment with best-in-class acoustic imaging systems that enable predictive maintenance.



Underwater Acoustics International ROV camera image (left) with ISS360 Sonar image (lower right). Also shown is a Blueprint Subsea Oculus sonar image (upper right).

Special thanks were given to ECHO81 – Impact Subsea’s distributor of products in the USA – who supplied the ISS360 sonar to UAI.

For interested parties within the USA, ECHO81 are able to discuss all technical requirements, assist with integration and servicing, and provide demonstrations of the ISS360 sonar.

Ryan Wallace, UAI Project Manager commented

“The ISS360 has been an amazing ROV Navigation tool for us and does not take up any real estate on our sub.

The software does not get any easier to operate and the quality construction of the sensor puts it in a class of its own”.



Underwater Acoustics International ROV & ISS360 (top right)