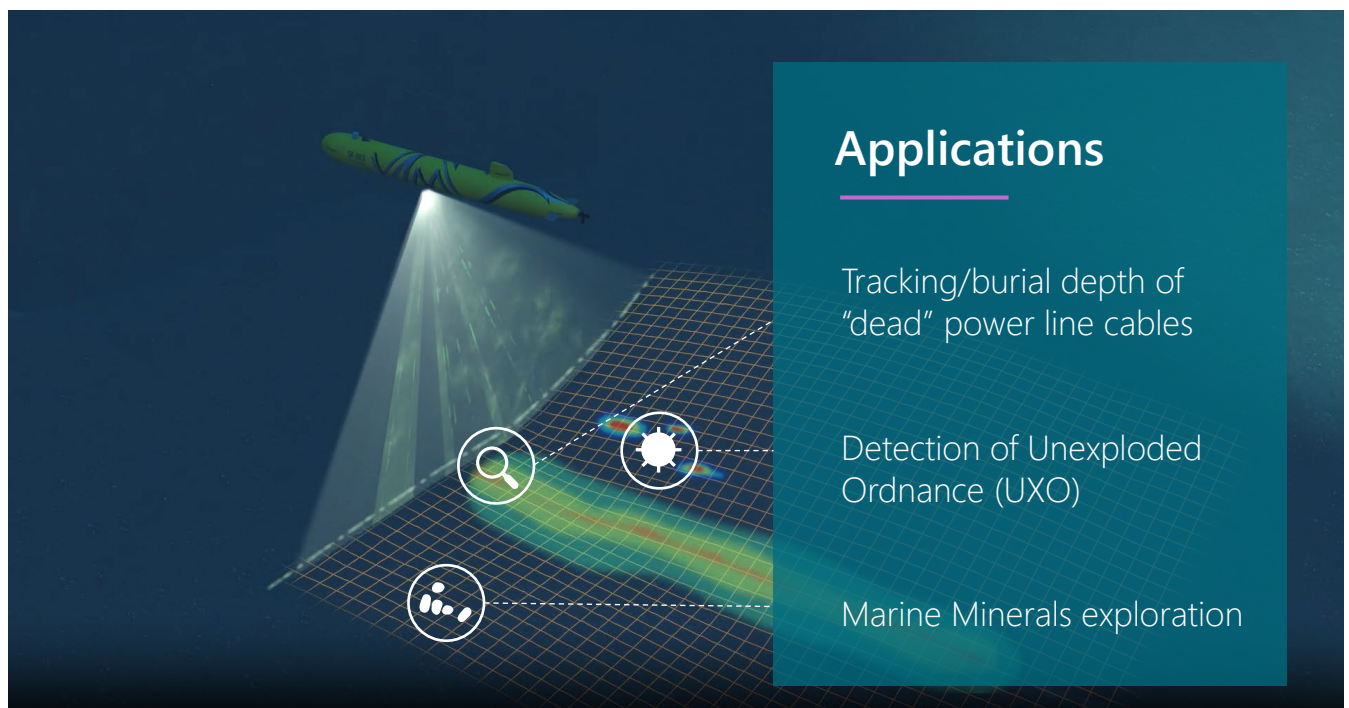


Argeo WHISPER

Fast electromagnetic tracking of buried cables and efficient detection of buried metal objects

Argeo Whisper is an active electro-magnetic system for detection of buried metal objects and cables in marine environments utilizing underwater vehicles. Currently the system is fully integrated on Argeo's AUV platforms which can operate down to 6000m water depth. Argeo Whisper is perfect for tracking and detection of "dead" power line cables, detection of unexploded ordnance (UXO) and marine mineral exploration. Argeo Whisper emits electrical signals from the underwater vehicle and measures the response, detecting objects with conductive properties that stand out from their surroundings.



UP TO 150 km

Of high productivity survey

3-3,5 knots

Survey speed

NEAR REAL-TIME

Data analysis during field operations

Save time on inspection with Argeo WHISPER's groundbreaking electromagnetic system

- ✓ Detection of buried objects
- ✓ Positioning of cables and burial depth, as well as "dead" power line cables
- ✓ Simultaneous data acquisition with other sensors
- ✓ Faster project turnaround providing safer operations with lower HSE risk
- ✓ High signal to noise ratio
- ✓ The system is modular and can be installed on a variety of underwater platforms

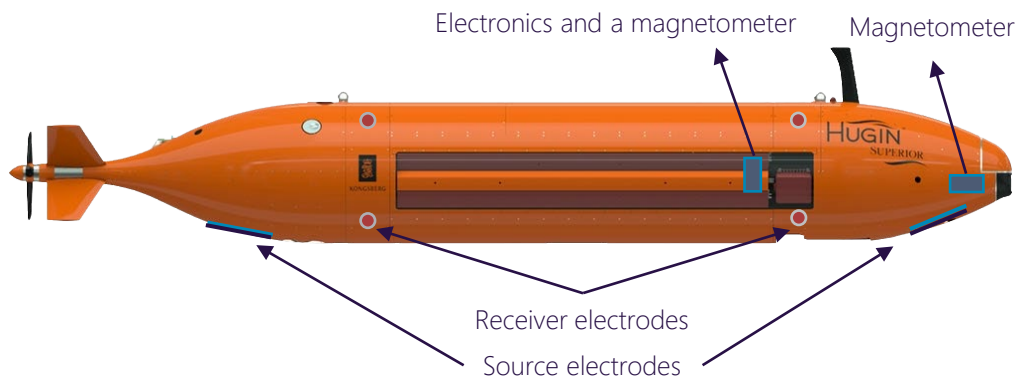
Technical specifications

Electric current source

- Max output current 20 A, Max power 300 W
- Frequency range 0.5 -100 Hz
- Electrode plate separation 2-6 m
- Depth rating: 6000 m

Magnetometers

- Frequency range < 200 Hz
- Dynamic range: ± 65000 nT
- Noise/Sensitivity: ± 0.5 nT
- Depth rating: 6000 m



EXAMPLE

Active EM system: Detection of buried conductive objects

Buried object detection after processing using the active EM-system

