

The Curvetech[®] cable tracker

The latest Curvetech[®] development represents a huge leap forward in cable detection technology. Like its namesake, the Artemis cable tracking system is an unrivalled hunter, significantly outperforming the next best solution in terms of cable depth and accuracy, and all without the need for a live cable.

FEATURES

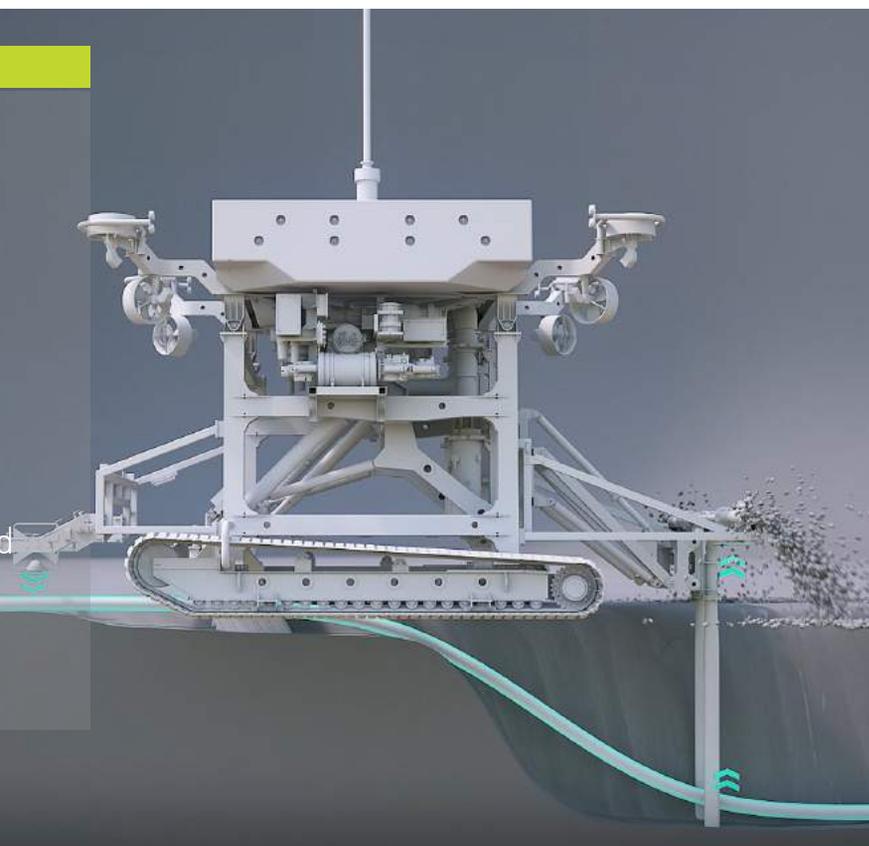
Detects cables deeper than any existing technology

Accurately locates unpowered, powered and faulted cables

Surveys cables twice as fast, in real time

Simultaneous cable tracking and burial depth assurance

Plug and play for any asset

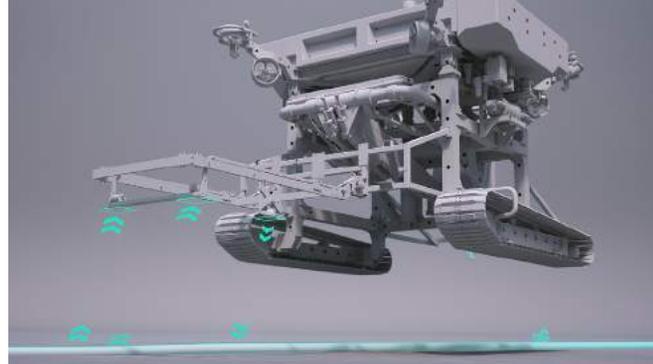


	Live power cable	Power off with tone	Damaged cable no power	Cable during installation	Pipe
Artemis	Up to 10m	Up to 10m	Up to 4-5m	Up to 4-5m	Up to 5m
Orion	Up to 10m	Up to 10m	No	No	No
Innovatum	Only when magnetised	Up to 5m	Only when magnetised	Only when magnetised	No
Teledyne 440	No	1.7m	1.7m	1.7m	1.7m
Teledyne 350	No	Up to 5m	No	No	No
Standard cable burial depth in European offshore wind farms	Inter array - 1.5-2.5m				
	Export - 3-5m				

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FIND IT

Artemis enables power cables to be quickly and accurately located from a distance of 5m (approximately 4m depth of burial) without the need for cables to be live, or magnetised. The unrivalled, versatile system can track dead cables, cables during installation, trenching and deburial, damaged cables, and aluminium cables.



TRACK IT

Unlike other cable tracking systems, Artemis can ignore interference from sources other than the cable, removing any margin for error while reducing time taken to locate and track a cable. An inductive coil is used to induce a 3000hz AC signal, at lower power, into the power cable. This signal is then used to accurately locate the cable, enabling effective tracking of the cable route.



PROVE IT

Artemis is the only solution which provides data for ultimate assurance of cable burial by tracking the depth, offset, yaw and angle of cable burial. When combined with SMD's trenching technology, this capability allows cables to be accurately buried to the specified depth.



TESTING

Two phases of testing have been conducted in a dry dock using a frame to simulate the sensor and antenna positions on a trenching system. A section of power cable was buried under a simulated seabed within the dock to a depth of 0m, 1.5m & 3m with positive results. We are now looking for a partner to enable offshore testing of the technology. Talk to us about the benefits of getting involved in this project.