

On October 10, 2025, just under two kilometers of fiber optic cable were laid offshore the San Juan islands in a trial that could demonstrate the global potential that thousands of miles of existing fiber ...

The project aims to track the sounds of marine mammals, such as the southern resident orcas, with underwater fiber optic cables. It's the same kind of cable that many use to connect to the...

The oceanographers at UW will use fiber-optic cables connecting to a seafloor observatory to monitor ocean faults and eavesdrop on whales. The ...

In a recent study, University of Washington researchers tapped into the Ocean Observatory Initiative's Regional Cabled Array, which spans the offshore plate boundary and ...

EarthLab Earth and Space Sciences Environmental and Forest Sciences Friday Harbor Laboratories Marine and Environmental Affairs Marine Biology Oceanography Program on Climate ...

On Oct. 10, Abadi and her team deployed two kilometers of brand-new fiber optic cable to record higher-frequency signals. The study intends to compare DAS findings to that of hydrophones to...

We have diverse expertise including deploying submarine cables, working in remote environments, using optical multiplexing on lit telecommunications fibers, and using GPU-based edge computing.

The oceanographers at UW will use fiber-optic cables connecting to a seafloor observatory to monitor ocean faults and eavesdrop on whales. The university's civil engineers will ...

The UW investigators William Wilcock, Brad Lipovsky, Marine Denolle and Shima Abadi collaborated with Mikael Mazur, and Nicolas Fontaine at Nokia Bell Labs to test an exciting new ...

In October 2025, two kilometers of fiber optic cable were laid in Haro Strait off the coast of Washington in a trial that could demonstrate the global potential that thousands of miles of existing fiber optic cable ...

With some 870,000 miles (1.4 million kilometers) of fiber-optic cables already installed underwater globally, the infrastructure for ocean monitoring largely exists. It just needs to be tapped.

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