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China's Fiberhome Telecommunication Technologies has unveiled what it claims is the world's largest optical fiber preform, highlighting China's accelerating push to strengthen its position ...

With tech tensions between the U.S. and China rising, vast networks of underwater cables are becoming a new source of strain in international relations. ...

China has manufactured the world's first machine capable of laying cables under the sea in the Challenger Deep, the deepest known point on Earth. Located at the southern end of the ...

Currently, the construction and maintenance of these cables is dominated by four companies: U.S.-based SubCom, France's Alcatel Submarine Networks, Japan's Nippon Electric ...

China has achieved a groundbreaking milestone by developing the Haiwei GD11000, the "world's first machine capable of laying submarine cables at record depths."

China's new device could reach vital undersea fiber optic cables deeper than its competitors' known remote submersibles.

But the U.S.-China cable race is putting this essential infrastructure at risk, as existing institutions tasked with its protection seem unprepared to step in.

In recent years, Western policymakers have become particularly concerned about the capabilities of Russia and China to exploit the vulnerabilities of undersea cables.

The technology of laying FOC in the same trench with the pipeline has more than twenty years of experience in China, but most pipeline routes are located in non-permafrost regions.

China's new subsea cable cutting capabilities heighten global security concerns, demanding urgent action to protect critical digital infrastructure.

With tech tensions between the U.S. and China rising, vast networks of underwater cables are becoming a new source of strain in international relations. Subsea cables are the backbone of the...

Recent reports regarding China's deep-sea cable-cutting technology indicate an emerging trend toward the

militarization of critical digital infrastructure.

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