

Did Norway break a power cable or a fiber optic cable



AI Overview

Norway's Svalbard cable that was damaged in January 2022 was a fiber optic cable, not a power cable.

The incident involved one of the two subsea fiber optic cables connecting Svalbard to mainland Norway, which carry both data and a small electrical current to power signal repeaters along the 1,300 km route . On the night of January 7, 2022, one cable experienced a failure due to a shunt fault, which caused the electrical current to short to ground, temporarily disabling the cable's operation . The fiber itself was crushed, likely by a heavy object such as a ship's anchor or trawl, exposing the copper layer that carries the current .

Nature of the Damage

Experts who examined the cable concluded that the outer jacket was crushed, and the steel reinforcement was weakened, but there was no sharp break typical of direct mechanical cutting . This type of damage is consistent with accidental contact from maritime activity rather than intentional sabotage, although human involvement could not be definitively ruled out . The cable system is designed with redundancy, so communications with Svalbard continued despite the failure, though the redundancy was temporarily lost .

Impact and Repair



Article Content

Norway releases a ship initially suspected of involvement in

OSLO, Norway — A Norwegian-owned and Russian-crewed ship that authorities initially suspected may have been

Norwegian police release images of damaged undersea cable

Rune Jensen, executive director of Space Norway, which manages and develops Norway's space infrastructure,

Understanding Norway's Power Export Dilemma

Why are Norwegians, citizens of one of the wealthiest nations on Earth, protesting soaring electricity bills? On the 10th of December

Norway releases a Russian-crewed ship initially suspected of ...

A Norwegian-owned, Russian-crewed ship that authorities initially suspected of involvement in damage to an

Second ship seized in Baltic Sea cable damage investigation

Norwegian police said on Friday they had seized and boarded a Norwegian ship with an all-Russian crew on

Undersea cables cut or damaged, leading European nations to

A Chinese-flagged cargo ship draws attention after undersea internet cables were severed, leading European

Connectivity — Norsk Datasenter Industri

The majority of traffic in high-capacity networks flows through fiber optic cables, and the latency will basically depend on the time it

The subsea cable cut at Svalbard January 2022: What happened

What happened? On the 7th of January 2022, at 04.10, one of the two sub-sea fiber cables between Svalbard and Harstad lost the

2024 Baltic Sea submarine cable disruptions

2024 Baltic Sea submarine cable disruptions ... On 17-18 November 2024, two submarine telecommunication cables, the BCS

Norway releases a Russian-crewed ship initially suspected of ...

The Norwegian-owned ship Silver Dania was brought into the port of Tromsø, Norway, on January 31, 2025, over

White Paper: Troubleshooting Fiber

When light traveling through a fiber optic cable encounters a different density material such as air, up to

Svalbard cable damage caused by "external influences" but probably

Last month Space Norway – the Ministry of Trade and Industry-managed company that owns and manages the

Norway-Denmark subsea power cable offline for three-month repair

One of four electricity transmission cables linking Norway and Denmark will be out of operation for three months for

Norway Releases Russian-Crewed Ship After Cable Damage

Police in Norway said Friday they had released a Russian-crewed cargo ship seized over suspected involvement in

Russian Boat Implicated in Norway Cable Sabotage Mystery

The technicians from Space Norway, the company that operates the cables, determined later that water had somehow

After failure of important submarine cable to Spitsbergen: photos show ...

The Norwegian public broadcaster NRK reports and shows the pictures. They show that the outer layer of the fiber

Damaged European undersea cables impact internet ...

The Web fiber optics undersea cable Damaged European undersea cables impact internet connectivity worldwide An

2. Incidents with High North Fibre Optic Cables

In 2021, the Lofoten-Vesterålen (LoVe) Ocean Observatory's cable disappeared from the seabed (Incident 4). LoVe Ocean collects

Norway releases a ship initially suspected of involvement in

The Norwegian-owned ship Silver Dania, suspected of cable sabotage in the Baltic Sea, has been brought into the port

"Human activity" behind Svalbard cable disruption

"Human activity" behind Svalbard cable disruption There were no natural phenomena that led to the break of the

Undersea cable linking Norway to Arctic satellite station ...

An undersea fiber-optic cable between mainland Norway and the archipelago of Svalbard in the Arctic Ocean has been

The invisible seafaring industry that keeps the internet afloat

The global internet relies on 800,000 miles of undersea cables that are constantly breaking. This is the story of the 22

2008 submarine cable disruption

The 2008 submarine cable disruption refers to three separate incidents of major damage to submarine optical communication cables

FOA Guide

In outside plant (OSP) fiber optic installations, the biggest cause of network failure is likely to be either

This is what the damaged Svalbard cable looked like when it came up ...

Experts consulted by NRK suggest that it is likely a trawl dragged the cable, causing damage to the outer layer, the

Norwegian Undersea Surveillance Network Had Its Cables

"Something or someone has torn out cables in outlying areas," Geir Pedersen, the LoVe project leader, said in a press

Something (or Someone) Broke Svalbard's Internet; Authorities Seek ...

Believe it or not, Svalbard, Norway has famously reliable internet — and has since 2003. The remote arctic

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