

Law on the Protection of Long-Distance Communication Optical Cables





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Submarine Communications Cables and Law of the Sea: Problems in Law

This article examines the international law with respect to submarine cables and discusses the various problems with both the law and state practice on submarine cables.

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International law doesn't adequately protect undersea

Undersea cables are important tools for transmitting sensitive data and supporting international telecommunications--but they're relatively

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Submarine cables and protections provided by the law of the sea

The author concludes that the degree of protection afforded to submarine cables would be improved if parties to the UN Convention on the Law of the Sea were to adopt domestic legislation to

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Protecting submarine cables for enhanced connectivity

Morten Eriksrud, at ASN Norway AS, looks to the protection of the global network of submarine cables and other critical subsea infrastructure. Optical communication technology is the key technology to

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Submarine Cables

The application of international law to submarine cables began with the International



Convention for the Protection of Submarine Telegraph Cables offsite link (Paris Convention). The Convention was

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Safeguarding Global Connectivity: International Law and Cyber

Abstract Submarine fiber-optic cables carry over 99 per cent of international data, yet the legal framework governing cyber operations against these systems remains underdeveloped and

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The Legal Status and Applicable Regime of International Submarine Cables

The intensity of the ongoing conflict between Ukraine and Russia and the threat of Russian occupation of Odessa, Ukraine's largest seaport, has reignited concerns about the risk of

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THE FINAL FRONTIER OF CYBERSPACE: THE SEABED BEYOND

This article surveys the existing law specific to the protection of submarine cables and assesses how general principles of the law of the sea, State responsibility, the law on the use of

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Protection of Submarine Communication Cables: The Need for a

While investing in digital infrastructure such as submarine communication cables is essential for the nation's economy, it is also important to develop a systematic and comprehensive

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Submarine Cables: Key Principles and International Law of the Sea



In line with its first objective, the current research intends to analyze the fundamental principles and instruments of international law on laying and protecting submarine cables.

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Enhancing International Legal Protections for Undersea Cables and

legal framework governing the protection of undersea cables and transoceanic pipelines. Given the paramount importance of these assets to global communications, energy security, and international

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(PDF) Submarine Cables: Issues of Maritime Security

An overview is given of the submarine cable industry, including its technological developments, legal aspects, security considerations, and

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Submarine Cables: The Handbook of Law and Policy

Submarine fiber optic cables are critical communications infrastructure for states around the world. They are laid on the seabed, are often no bigger than a garden

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International Cable Protection Committee (ICPC)

International Submarine Cable Resilience Summit On 26th February 2025, ICPC International Cable Law Adviser Kent Bressie presented 'ICPC and Industry

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Legal Considerations on the Protection of Subsea Cables in the



The following paper will analyse the different legal mechanisms applicable in the protection of subsea cables or the enforcement of jurisdiction against the perpetrators of sabotage acts.

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International law doesn't adequately protect undersea

But there haven't yet been enough efforts that incorporate all countries in a protection pact. The reality is that cable cutting could severely

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Submarine optical cables: Impact on the marine environment

This paper presents submarine optical cables deployment, different types of cable configuration, installation, and protection. Despite the small physical size of optical cable activities, such as

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Legal and regulatory aspects of telecommunication

The book also touches upon the intersection of geopolitics and business in the deployment of new submarine cables. Fígoli notes that some

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Submarine Communications Cables and Law of the Sea:

Abstract Submarine communications cables laid on the seabed of the ocean are the foundation of the world's international telecommunications network.

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Cutting the Cord: The Legal Regime Protecting Undersea Cables

The earliest international law agreement on the topic is the Convention on the Protection



of Submarine Cables, signed in Paris in 1884. The treaty applies to all cables outside the territorial waters of states

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Submarine Cables

To help ensure the coordination of cable placement and mitigation of any adverse impacts, several U.S. agencies have legal authority to regulate the laying and maintenance of cables

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Protection of Undersea Telecommunication Cables: Issues for Congress

Several public-private working groups studied undersea cable vulnerabilities and provided recommendations for protecting cables from physical damage.

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The Legal Status and Applicable Regime of International Submarine

It incorporates and completes the essential provisions of the Paris Convention of 1884 on the protection of submarine cables and the Geneva Convention of 1958 on the Law of the Sea.

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Best Practices Version 1.2 GOVERNMENT BEST PRACTICES FOR PROTECTING

GOVERNMENT BEST PRACTICES FOR PROTECTING AND PROMOTING RESILIENCE OF SUBMARINE TELECOMMUNICATIONS CABLES With these Best Practices, the International Cable

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Undersea Cables and the Challenges of Protecting



For a military commander, the task of protecting seabed submarine cables from attack can seem almost impossible. Global map of submarine cables

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Protection of Cable Ships Engaged in Operations for Submarine

Fiber-optic submarine cables are recognized as critical communication infrastructure that is vitally important to the global economy and the national security of all states.¹ Since 1989, the

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SUBSEa CABLES

Subsea cables are covered by national telecom laws, but also by international treaties. In practice, a wide range of different authorities may be involved in the protection of subsea cables, including

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Safeguarding Subsea Cables: Protecting Cyber Infrastructure amid

This paper addresses how the United States and its allies can more strategically compete with Chinese and Russian threats to subsea cables and reduce the vulnerability of cable

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Protection of Submarine Optical Fibre Cables in the

Submarine optical fibre cables are expensive and critical infrastructure that compels the most secure and reliable protection, especially in busy water

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