

Communication during the construction of the Central Asia optical cable in Monaco



Overview

Events over the last eighteen months indicate that the risk environment for submarine cables has very likely escalated, and the threat of state-sponsored malicious activity targeting submarine cable infrastructure is likely to rise further amid heightened geopolitical tensions. Submarine cables landing in Monaco, Monaco | Cable Landing Station Map Sponsored by: Global Internet Database This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. As digital economies expand and geopolitical tensions shape technological dependencies, undersea cables emerge not. 'Undersea cables on the ocean floor', AI-generated image created with DALL·E (OpenAI), 2025. Digital SLOCs Are Critical: Submarine cables carry nearly all intercontinental data, underpinning global commerce, finance, defense, and government operations. International communication in the era of the digital economy. Three trends are increasing the risks to undersea cables' security and resilience: First, authoritarian governments, especially in Beijing, are reshaping the Internet's.

Photo courtesy of ASN Red buoy markers mark the path of a submarine cable being laid in the ocean. Every day, we send countless emails, take part in video calls, use search engines and streaming services, while seamlessly banking online.

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Explore the rising threats to global submarine cable networks amid escalating geopolitical tensions, sabotage incidents, and limited repair capacity. Discover essential resilience strategies and ...



This report makes this argument drawing on policy and technological research, interviews with key stakeholders, and empirical data collected and subsequently analyzed on the 475 ...



We would like to show you a description here but the site won't allow us.



Since then, technology has steadily evolved, from telegraph services to telephone networks, and now to high-speed internet carried by fiber-optic cables. Today, hundreds of terabits of ...



These cables, composed of optical fibers encased in protective layers, stretch across oceanic floors, linking major economic centers worldwide. Data ...



Even a single severed cable can disrupt thousands of kilometres of connectivity, affecting internet traffic, financial transactions, and government communications almost immediately.



Chinese enterprises as key players in the equipment manufacturing, construction and maintenance of global submarine cables. Chinese submarine cable products and services have gained widespread ...



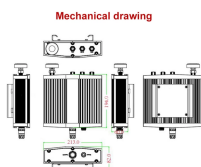
This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable routes, landing stations, system status ...



These cables, composed of optical fibers encased in protective layers, stretch across oceanic floors, linking major economic centers worldwide. Data moves through these fiber strands at ...



The Indo-Pacific, a region marked by complex geopolitics, faces unique challenges in ensuring the security of its submarine cables. For the EU, the vulnerability of undersea ...



The East Micronesia Cable System, Tabua, Honomoana, Adamasia Cable System 1, and Australia-backed projects in Papua New Guinea and the Solomon Islands highlighted how subsea ...

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