

Preview

The Eastern Africa Submarine Cable System (EASSy) is an cable system connecting countries into the rest of the world. EASSy runs from in to in, with landing points in nine countries and is connected to at least ten landlocked countries -- which will no longer have to rely onto carry voice and data services.

We systematically analyze 1.5 years of acquisitions on a land-based telecommunication cable in comparison to co-located seismometers, with successful detection of events in a broad magnitude...

We successfully sensed seismic and water waves over a 10,000-kilometer-long submarine cable connecting Los Angeles, California, and

In their study, the researchers analyzed light signals from two 50-kilometer sections of optical-fiber cable that recorded the 2021 Antelope Valley

OverviewProject milestonesTelecommunications companies of participating nationsCable landing pointsThe Eastern Africa Submarine Cable System (EASSy) is an undersea fibre optic cable system connecting countries in Eastern Africa to the rest of the world. EASSy runs from Mtunzini in South Africa to Port Sudan in Sudan, with landing points in nine countries and is connected to at least ten landlocked countries -- which will no longer have to rely on satellite Internet access to carry voice and data services.

The "Fibre Optic Cable Use for Seafloor" project (FOCUS) has demonstrated how we can use existing fibre-optic cables to detect small

Internet cables that crisscross the sea-floor could be used to detect earthquakes and tsunamis or monitor how climate change alters ocean currents.

In this paper, we analyzed the DAS waveforms of 10 local-earthquake events waveforms recorded by offshore submarine communication cable in the northern South China Sea, and

By Alan Clement South Sudan is set to commence construction of a 2,400-kilometer Fiber optic cable in December, marking a transformative leap in

The Government of South Sudan, in collaboration with the World Bank, will begin laying a fiber optic cable from Kenya early next year, a move aimed at strengthening the country's digital

South Sudan earthquake optical cable 2021

Bayobab, a digital connectivity solutions company, has announced plans to build a fiber optic cable network across South Sudan.

Seismologists at Caltech and Google optic experts are developing a new method to convert global underwater cables into continuous real-time

Recent developments in optical fiber cable technology allows the use of existing and future submarine telecommunication cables to provide seismic and sea-level information.

Recent developments in optical fiber technology allows the use of existing and new submarine telecommunication cables to provide seismic and sea-level information crucial to monitor

The "Fiber Optic Cable Use for Seafloor" project (FOCUS) has demonstrated how we can use existing fiber-optic cables to detect small movements on the seafloor caused by tectonic faults.

In Q3 2025, global Internet disruptions were caused by everything from government shutdowns to stray bullets and earthquakes. This report

We implemented laser interferometry on a land-based telecommunication cable and analyzed 1.5 years of continuous acquisition, with successful detections of events in a broad range of magnitudes,

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