

Samoa Optical Cable Remediation Plan



Article Overview

Samoa's optical cable remediation involves repair, upgrade, and redundancy strategies to ensure reliable international connectivity through submarine fiber-optic systems.

Overview of Samoa's Submarine Cable Infrastructure

Samoa relies on submarine fiber-optic cables for international internet connectivity. Historically, the Samoa-American Samoa (SAS) cable provided a 1 Gbps link, supplemented by satellite services, but growing demand required additional capacity. The Samoa Submarine Cable Project established a fiber-optic system connecting Samoa to Fiji, with a minimum capacity of 1 terabit per second, enabling broader internet access and cost-effective connectivity to the global network (ADB, 2020). The project also supported ICT regulatory reforms and e-health initiatives.

Remediation and Repair Strategies

Samoa's remediation plan focuses on maintaining and restoring cable functionality in the event of damage or outages:

- Routine Maintenance and Monitoring: The Samoa Submarine Cable Company Limited (SSCC) and service providers monitor cable performance to detect faults early and prevent service disruptions (ADB, 2020).
- Emergency Repairs: Past incidents, such as the Manu'a BLAST cable damage in 2020 and 2021, were addressed through coordinated repair efforts involving ASTCA, government departments, and local teams. Funding for these repairs was raised int...

Article Content

Samoa Submarine Cable Project

Samoa Submarine Cable Project Prepared by the Government of Samoa for the Asian Development Bank and the World Bank. This

World Bank Document

The proposed operation aims to support the Government of Samoa in establishing climate and disaster resilient national digital

World Bank Document

This will determine the cable route and cable types and quantities, and clarify the nature of its deployment on the seafloor – surface

47320-001: Samoa Submarine Cable Project

Samoa relies on a submarine cable and satellite service for its international internet connectivity. Samoa is connected to the

Le Vasa cable is a new digital link for American Samoa

On January 14, 2026, Samoa Prime Minister Laaulialemalietoa Leautea Schmidt arrived in American Samoa with his

Status of ICT Policies and Rural ICT Connectivity in Samoa

This paper was produced as one project activity to assist in developing strategies for promoting rural ICT connectivity

American Samoa | Powertec Information Portal

In 2009, the American Samoa-Hawaii Cable (ASH cable), a fibre-optic submarine communications cable, was introduced. The SAS

Samoa Submarine Cable Project IEE | PDF | Environmental Impact ...

Key project components include the submarine cable itself and shore stations on Upolu and Savai'i islands. The

American Samoa Fiber Optic Network | Underground

December 2015 Vol. 70 No. 12 General American Samoa Fiber Optic Network Meticulous Prep, Planning

American Samoa, Google ink deal to build fiber optic cable linking to ...

American Samoa has signed an agreement with Google to build a fiber-optic cable connecting the U.S. territory to Fiji

Samoa Submarine Cable Company | Connecting

High quality connectivity via state-of-the-art fibre optic cable technology will stimulate Samoa's ICT growth

Samoa Submarine Cable Project

Samoa: Samoa Submarine Cable Project ... Project Outcome Description of Outcome Progress Toward Outcome Quality broadband

Samoa Submarine Cable Project: Completion Report

By connecting Samoa to the international submarine fiber-optic cable network, the project delivered cost-effective broadband

Tui-Samoa

The Tui-Samoa submarine cable system consists of two fiber pairs, with a system capacity of 16 (Tbit/s) using 100

ASTCA celebrates completion of Manu'a BLAST repairs | Talane'i

The underwater sections of the undersea cable were damaged in March 2020 and June 2021 due to severe weather

About - ASTBS: A project of the ASG Department of Commerce

This was completed in 2015, but it did us little good because our submarine fiber optic cable (the American Samoa-Hawaii or ASH

ABOUT US | Samoa Submarine Cable Company

ABOUT US Who Are We? Samoa Submarine Cable Company (SSCC) is a pioneering telecommunications infrastructure provider,

Federal Register

The EA evaluates eight alternative actions NOAA may take to address impacts associated with the current disposition

National Marine Sanctuaries Documents

This page provide a series of scientific, educational, and technical publications related to NOAA's Office of National Marine

SAMOA National Infrastructure Strategic Plan

National Infrastructure Strategic Plan This is a publication of the Government of Samoa. This report was prepared by Glen D'Este,

fianl_PCL_EA_110405

EXECUTIVE SUMMARY This Environmental Assessment evaluates alternatives for addressing the existing burial condition of a

US jumpstarts plan to build subsea cable between Guam and American Samoa

Washington seeks to accelerate the Pacific island region's digital expansionBy Mar-Vic CaguranganThe U.S. Trade

Samoa Submarine Cable Project IEE | PDF | Environmental Impact

This document is an initial environmental examination of the Samoa Submarine Cable Project. The project involves

Cable ship involved in rescue mission near Samoa

It is now jointly owned by OMS Group and Alcatel. CS Lodbrog landed the Natitua Sud

Initial Environmental Examination

Initial Environmental Examination October 2015 Samoa Submarine Cable Project
Prepared by the Government of Samoa for the

Trans-Caspian Submarine Cable Desktop Study Completed

Trans-Caspian Fiber-Optic Cable Project Reaches Key Milestone With Completion Of
Desktop Study By Gunay

Environmental statements; availability, etc.: Olympic Coast National ...

Environmental statements availability, etc Olympic Coast National Marine Sanctuary
Pacific Crossing submarine fiber

Samoa Observer | Why Tui Samoa Cable is vital

It is there for paramount that in order for Samoa to fully leverage the benefits of the
Tui-Samoa cable, the Office of the

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