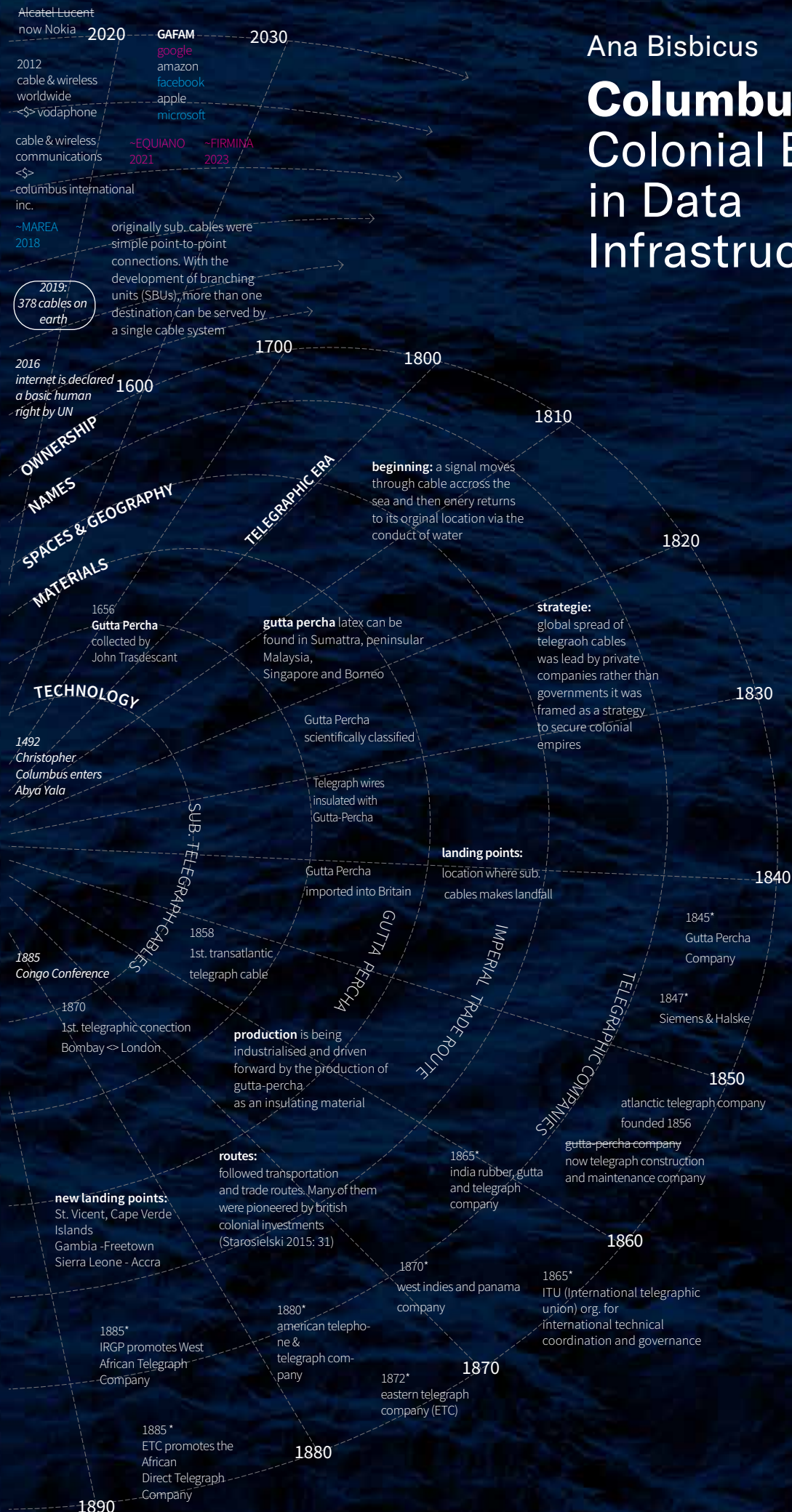


Sources:
Starosielski, Nicole: The Undersea Network, Duke University Press, 2015

Undersea Internet Cables Are Surprisingly Vulnerable, wired online magazine, 2015

www.submarinecablemap.com

Columbus III Colonial Echoes in Data Infrastructures



*Columbus III spans a length of 9,833 km and has been facilitating data transmission since 1999. It carries information from Sicily through Spain to the Caribbean region. Being the first undersea coaxial cable connecting Europe and Latin America, the Columbus cable's origins trace back to 1977, when it was officially launched on October 12th. Through a name and a route, this cable is entwined with my personal history and memories.*¹

This artistic research employs counter-mapping techniques to reveal how data infrastructures are integrated into the continuum of colonial legacies. Colonial imprints extend beyond geographical routes; they appear in names, materials, landing points, and the histories of the corporations managing these connections.

My main focus centers around charting the colonial traces in submarine data infrastructure without being confined to the conventional Western linear representation of time and space. Timelines present a chronological sequence in a spatial arrangement. Yet, this linear approach often fails to capture the intricate interdependencies between events, especially when history is narrated from a single perspective.

This raises a crucial question: can tools like maps and diagrams, historically created as instruments of power, also serve as means for alternative narratives?

Following the work of the duo Black Quantum Futurism and their Quantum Event Map,² I encountered a tool that enables people to explore how individual and shared perceptions of time — past, present, and future — are interconnected.³ This prompts me to consider how I can narrate a cable's story and its connection to my personal narrative. How can we reimagine representations of time and space?

Shifting away from linear diagrams, I enter into the realm of spirals to chart the transition from telegraph to fiber optic cables. The approach highlights parallelisms and connections among events shaping today's data infrastructure. Instead of implying a cause-and-effect relationship between events, it acknowledges that various factors have simultaneously influenced this infrastructure. This narrative is a testament to the complex interplay of colonialism, technology, and power.

As I follow the colonial traces of these cables, I confront my personal history. I find myself unlearning a history I was taught, one that was never truly mine. It was imposed upon me in form of memorised data, names, and facts. Reflecting on my school days and what I learned about Columbus, I realise it might not have seemed strange back in the days that a cable bore his name. Because this is what I have learned. The idea of laying kilometers of cables beneath the sea might have appeared more strange to me. It is important what names are given to the objects, structures, and spaces that carry our stories. It is also important how these stories are told. ①

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1 José M. Romeo, "La unión entre dos mundos: los cables submarinos entre España e Hispanoamérica" *Colegio Oficial de Ingenieros de Telecomunicación* (Madrid, 1993), 115–120.

2 The concept of the Quantum Event Map is associated with Black Quantum Futurism, a movement and philosophy that combines elements of quantum physics, Afrofuturism, and social justice. It was developed by artists and thinkers such as Ashon T. Crawley and Rasheedah Phillips, who explore how time and culture intersect, particularly in the context of Black experiences. Their work seeks to reframe understandings of time and existence, empowering marginalised communities to envision alternative futures.

3 Rasheedah Phillips, "Constructing a Theory and Practice of Black Quantum Futurism", in *Black Quantum Futurism: Theory & Practice*, Vol. I. (Philadelphia: Afrofuturist Affair / House of Future Sciences Books, 2015), 27–29.