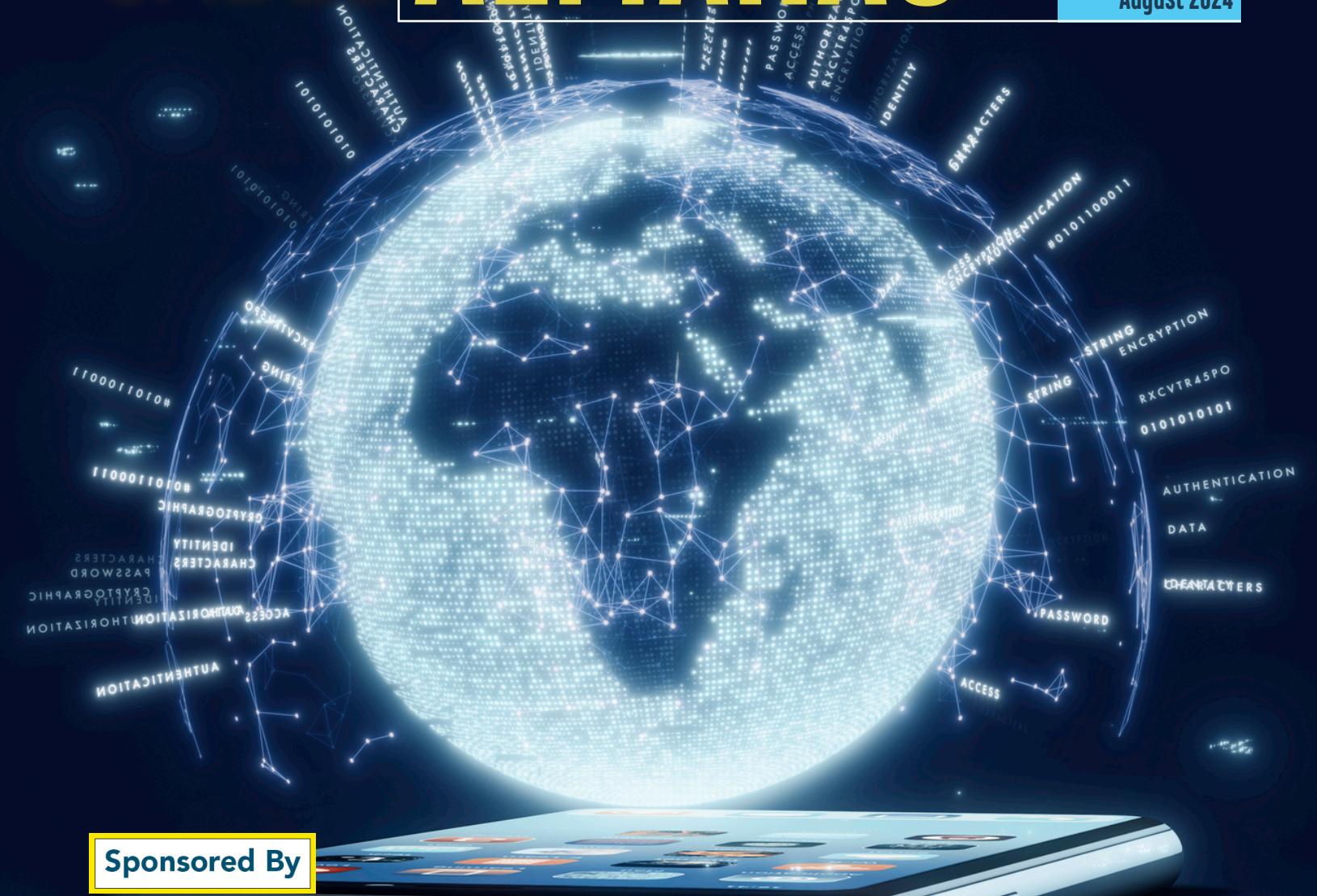


submarine telecoms **FORUM**

SUBMARINE CABLE ALMANAC

ISSUE 51
August 2024



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The logo for TPG Telecom. The word "tpg" is in a large, bold, dark blue sans-serif font. To the right of "tpg" is a horizontal row of five colored circles: red, purple, yellow, grey, and orange. To the right of the circles, the word "TELECOM" is written in a smaller, dark blue, all-caps, sans-serif font.

submarine telecoms **FORUM**

A Publication of Submarine Telecoms Forum, Inc.

www.subtelforum.com

ISSN No. 2329-6860

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November 2024

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**Voice
of the
Industry**

FOREWORD

Welcome to the fifty-first edition of SubTel.Forum's Submarine.Cable.Almanac, your essential guide to the world of submarine cable systems. Since its launch as a quarterly publication in 2011, the Almanac has become a go-to reference, offering a snapshot of over 500 current and planned domestic and international cable systems.

A heartfelt thank you to TPG Telecom for their exclusive sponsorship of this quarter's edition. Discover more about their contributions to the industry here: [TPG Telecom](#).

What's New in This Edition?

Since the last issue, we have added six new systems and updated an additional 15. Our dedication to accuracy and currency drives our continuous efforts to gather and analyze data. If you come across a system that needs updating or know of an upcoming system that should be represented, please contact Kieran Clark directly at kclark@subtelforum.com.

How Do We Create the Almanac?

- **Data Gathering:** Year-round collection of information from public, commercial, and scientific sources.
- **Database Analysis:** Utilization of our proprietary Submarine Cable Database, purpose-built and updated to track detailed project information.
- **Expert Interviews:** Engaging with industry leaders for unique insights and perspectives.
- **Mapping:** Creation of maps with ArcGIS Pro, in line with our *Submarine Cables of the World* print map.

Whether you're an industry professional, researcher, or simply curious about the undersea world of cables, the Almanac serves as a comprehensive analysis and an invaluable reference tool.

Good reading, and stay well,

Kristian Nielsen

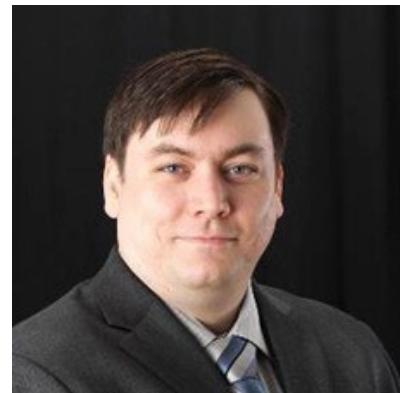
Vice President

submarine telecoms
FORUM

BIOGRAPHIES

Kieran Clark, Senior Analyst

Kieran Clark is the Senior Analyst for Submarine Telecoms Forum, Inc. He originally joined the company in 2013 as a Broadcast Technician to provide support for live event video streaming. He has 8+ years of live production experience and has worked alongside some of the premier organizations in video web streaming. In 2014, Kieran was promoted to Analyst and is currently responsible for the research and maintenance that supports the SubTel Forum Submarine Cable Database and Online Map. In 2016, he was promoted to Lead Analyst and then Senior Analyst in 2023. His analysis is featured in almost the entire array of SubTel Forum Publications.



Syeda Humera, Junior Analyst

Syeda Humera, a graduate from JNTUH and Central Michigan University, holds a Bachelor's degree in Electronics and Communication Science and a Master's degree in Computer Science. She has practical experience as a Software Developer at ALM Software Solutions, India, where she honed her skills in MLflow, JavaScript, GCP, Docker, DevOps, and more. Her expertise includes Data Visualization, Scikit-Learn, Databases, Ansible, Data Analytics, AI, and Programming. Having completed her Master's degree, Humera is now poised to apply her comprehensive skills and knowledge in the field of computer science.



BIOGRAPHIES

Kristian Nielsen, Vice President

Kristian Nielsen has over 13 years of publishing and management experience and has been working for Submarine Telecoms Forum since 2008 as Business Manager. In 2013, he was promoted to Vice President and is responsible for all SubTel Forum product roll-out, sales strategy, administration and management. Under his direction, Submarine Telecoms Forum's readership has grown from less than 4,000 bi-monthly readers, to over 100,000 every month. He literally grew up in the business since his first 'romp' on a BTM cable ship in Southampton at age 5. Professionally, he has supported various international telecoms projects with accounting administration and is the originator of many of SubTel Forum's current products and services.





Top-tier wholesale

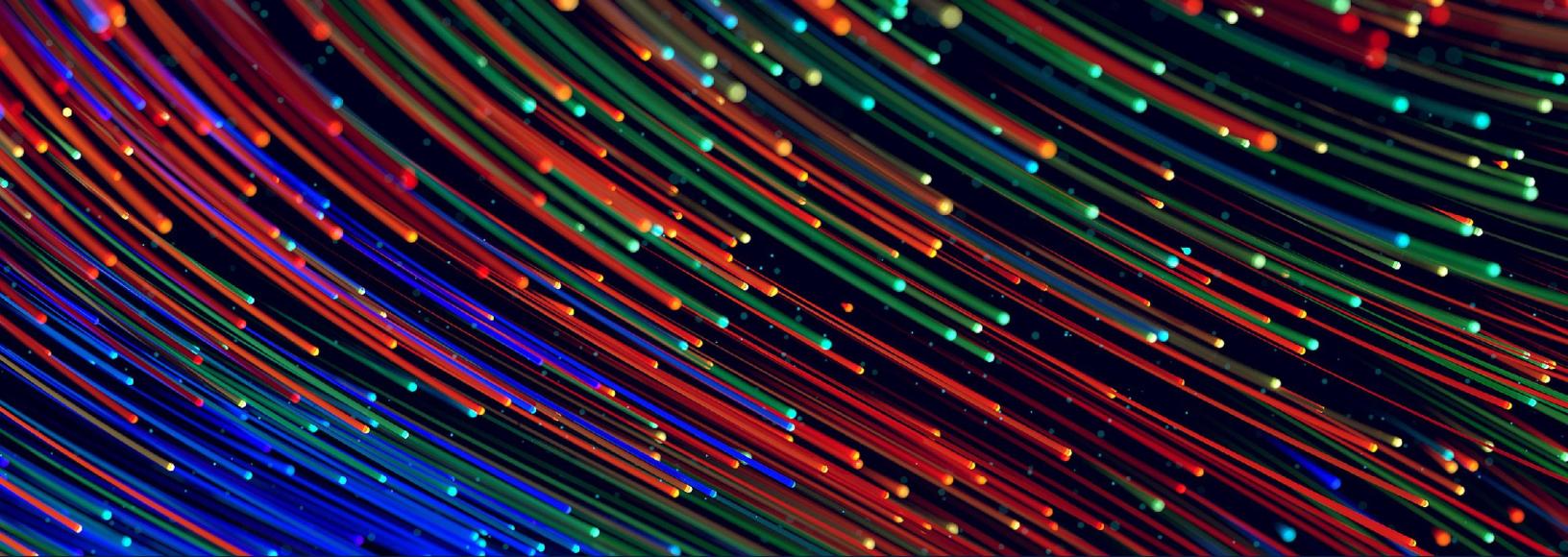
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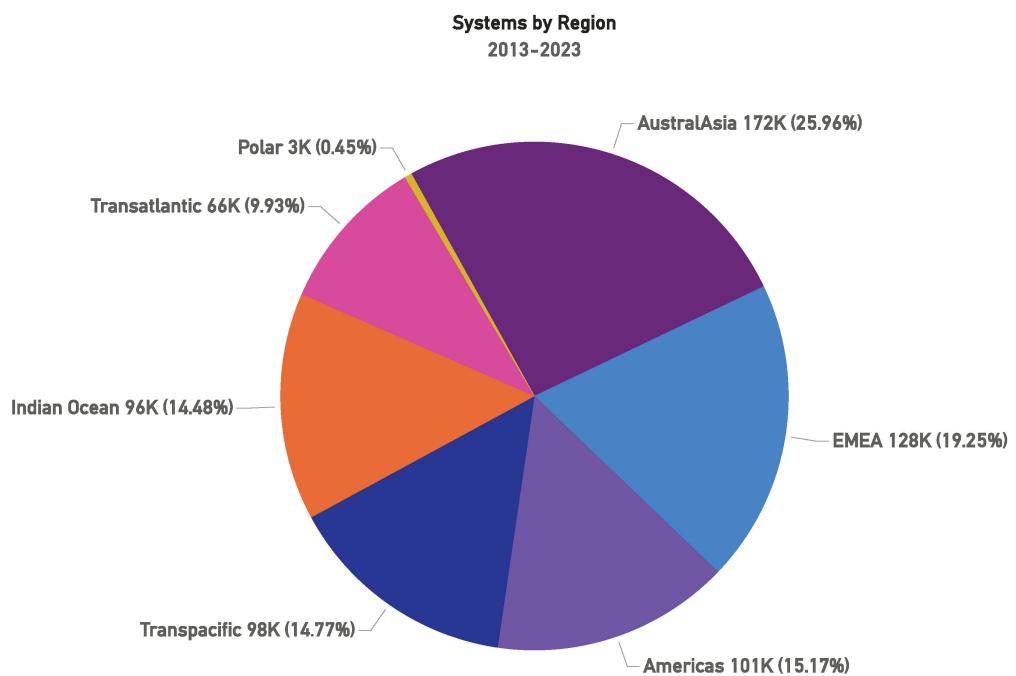
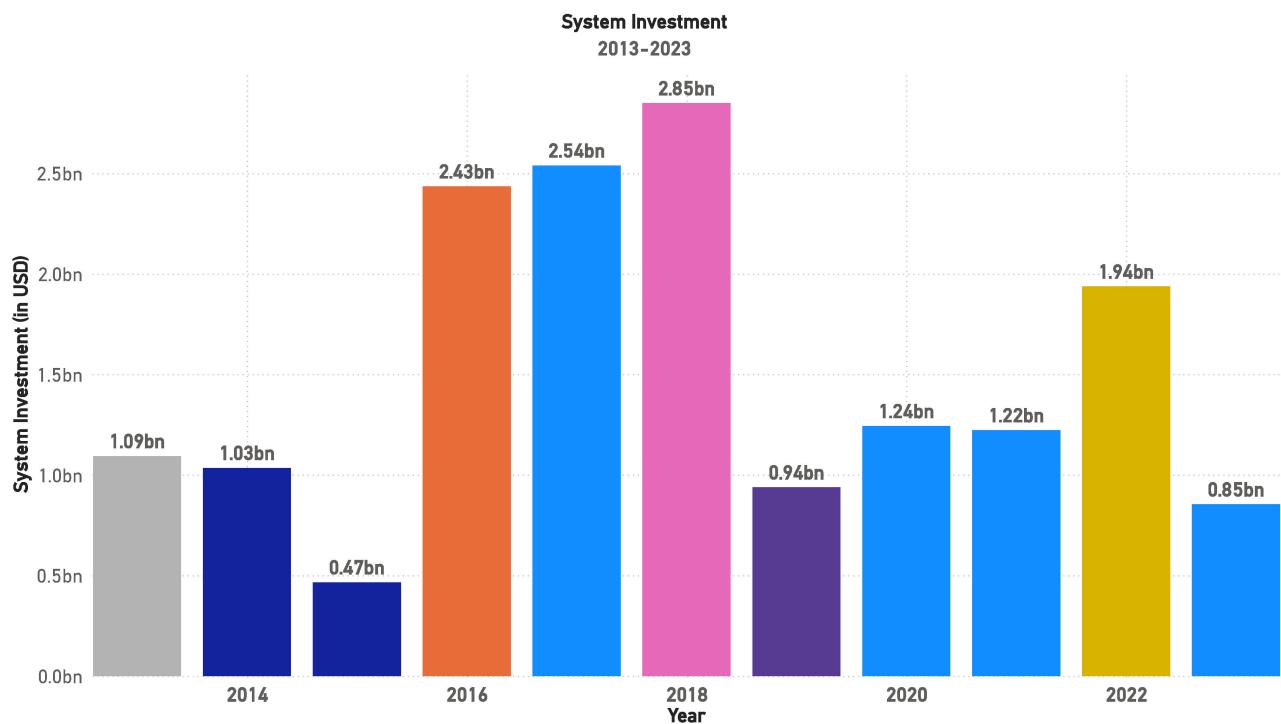
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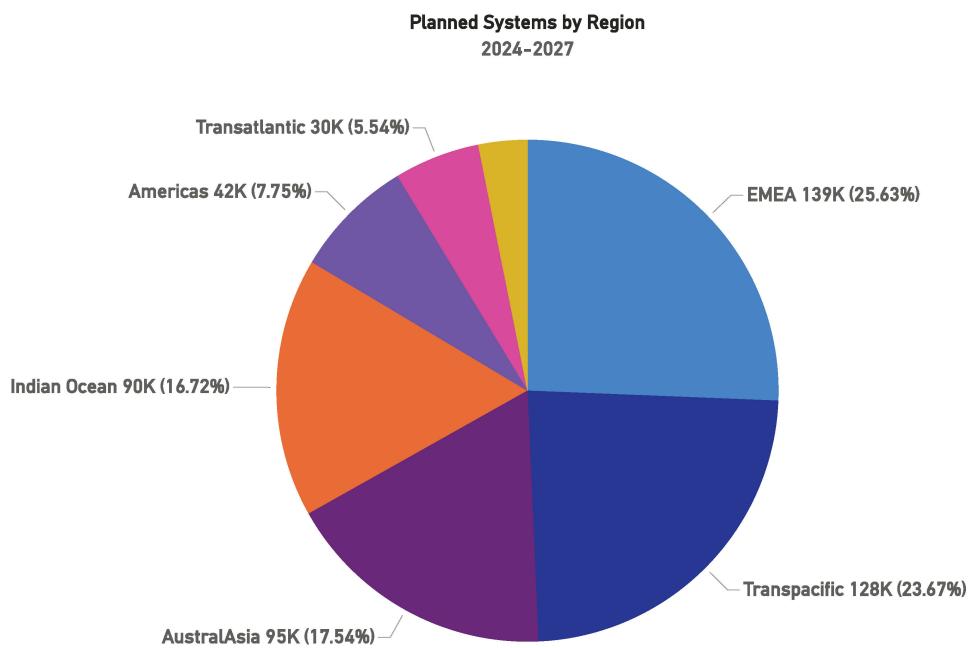
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TELECOM

By The Numbers: Current



By The Numbers: Planned



METHODOLOGY

This edition of the *Submarine Telecoms Cable Almanac* was meticulously crafted by the analysts at Submarine Telecoms Forum, Inc. Our methodology combines interviews with industry leaders and our proprietary Submarine Cable Database, which tracks over 500 current and planned cable systems. Queries can be made by client, year, project, region, system length, capacity, landing points, and more.

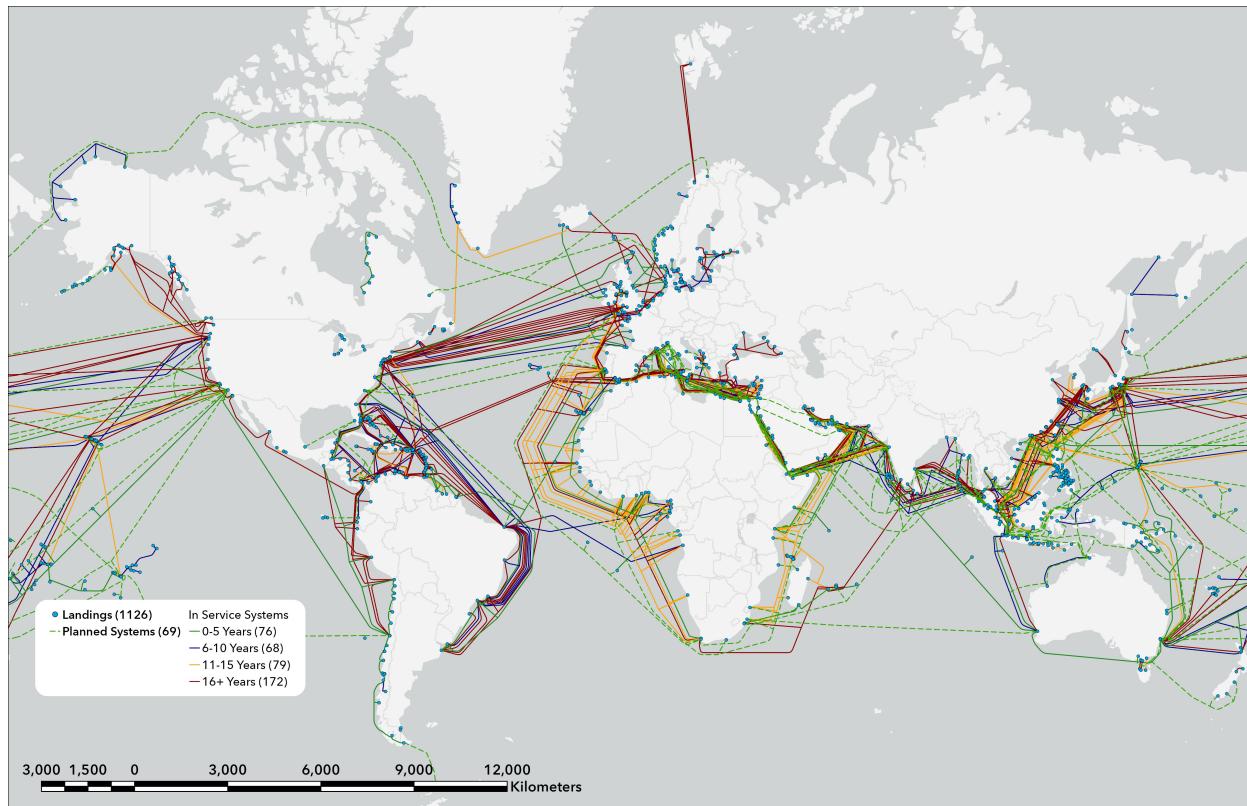
The Submarine Cable Database is maintained by a dedicated team and powered by MySQL. Maps are produced with ArcGIS Pro, maintaining the same visual style as the *Submarine Cables of the World* print map.

To compile this report, SubTel Forum engaged in continuous data gathering throughout the year, sourcing information from public, commercial, and scientific sources. Data assimilation was conducted in parallel with data gathering efforts to provide accurate market projections. Trending is accomplished using known data, with linear growth estimates for subsequent years.

Regarding system cost, we use publicly announced information when available. If not, we apply a standardized formula of \$75,000 USD per kilometer of cable, providing a rough estimate based on industry averages.

In this issue, systems were grouped by submarine cable supplier. Suppliers with five or more systems in our database were specifically highlighted, followed by others, and then those classified as unknown.

While every care is taken in the preparation of this report, these are our best estimates based on the information provided and discussed within the industry.



Below is a list of defined acronyms and terminology used in this document:

Capacity per Wavelength (Gbps) – The capacity of individual wavelengths, expressed in gigabits per second.

Design Capacity (Tbps) – The maximum capacity available on a cable system, expressed in terabits per second.

EOS (End of Service) – The year a cable system is expected to reach the end of its operational life.

Fiber Pairs – The number of fiber pairs contained within the cable system.

Landing Points – The specific cities where a cable system makes landfall.

Length (km) – The total length of the cable system, measured in kilometers.

Owners – The names of all companies reported as having ownership stakes in the cable system.

Region – The specific region (Americas, AustralAsia, EMEA, Indian Ocean Pan-East Asian, Transatlantic, Transpacific) in which the cable system is located.

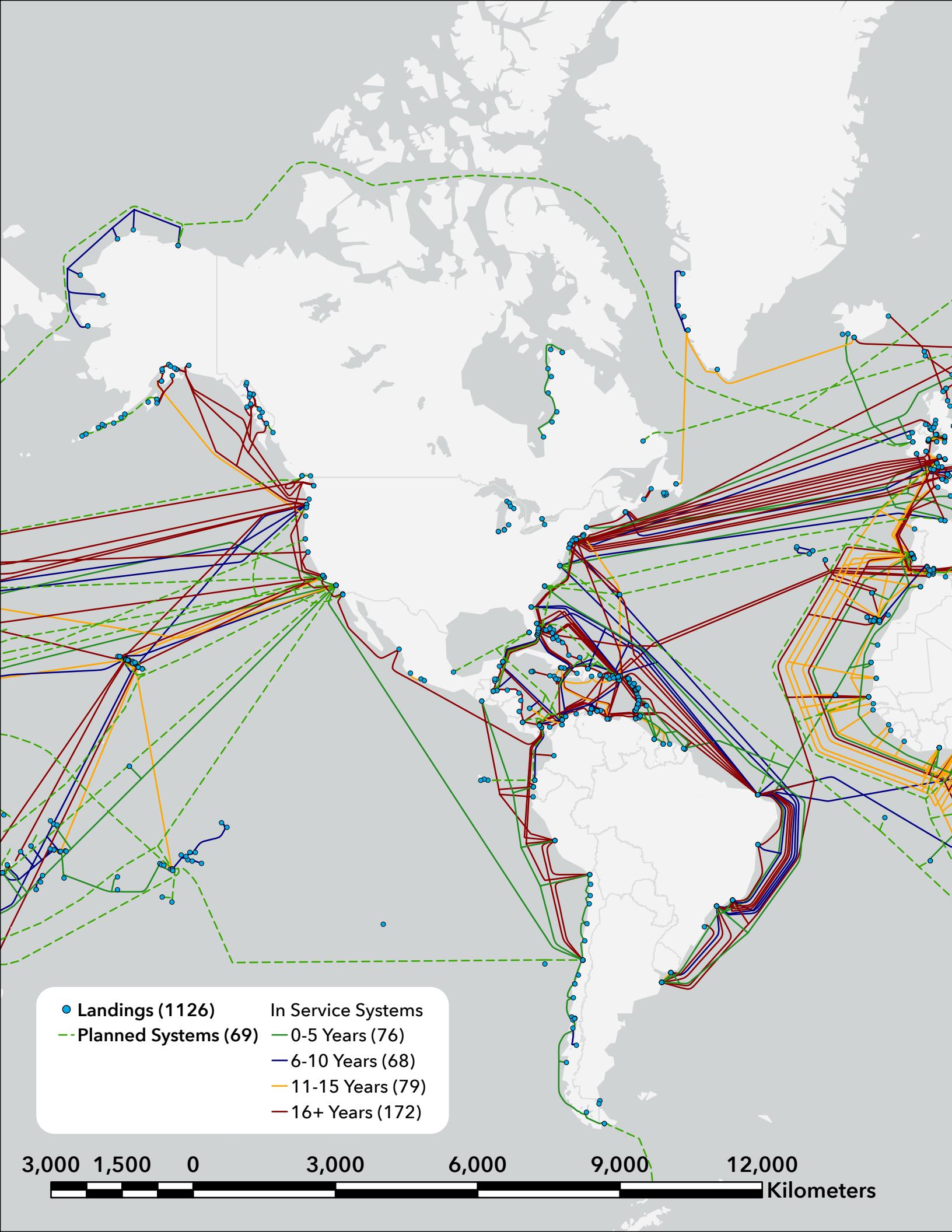
RFS (Ready for Service) – The year a cable system became operational and entered service.

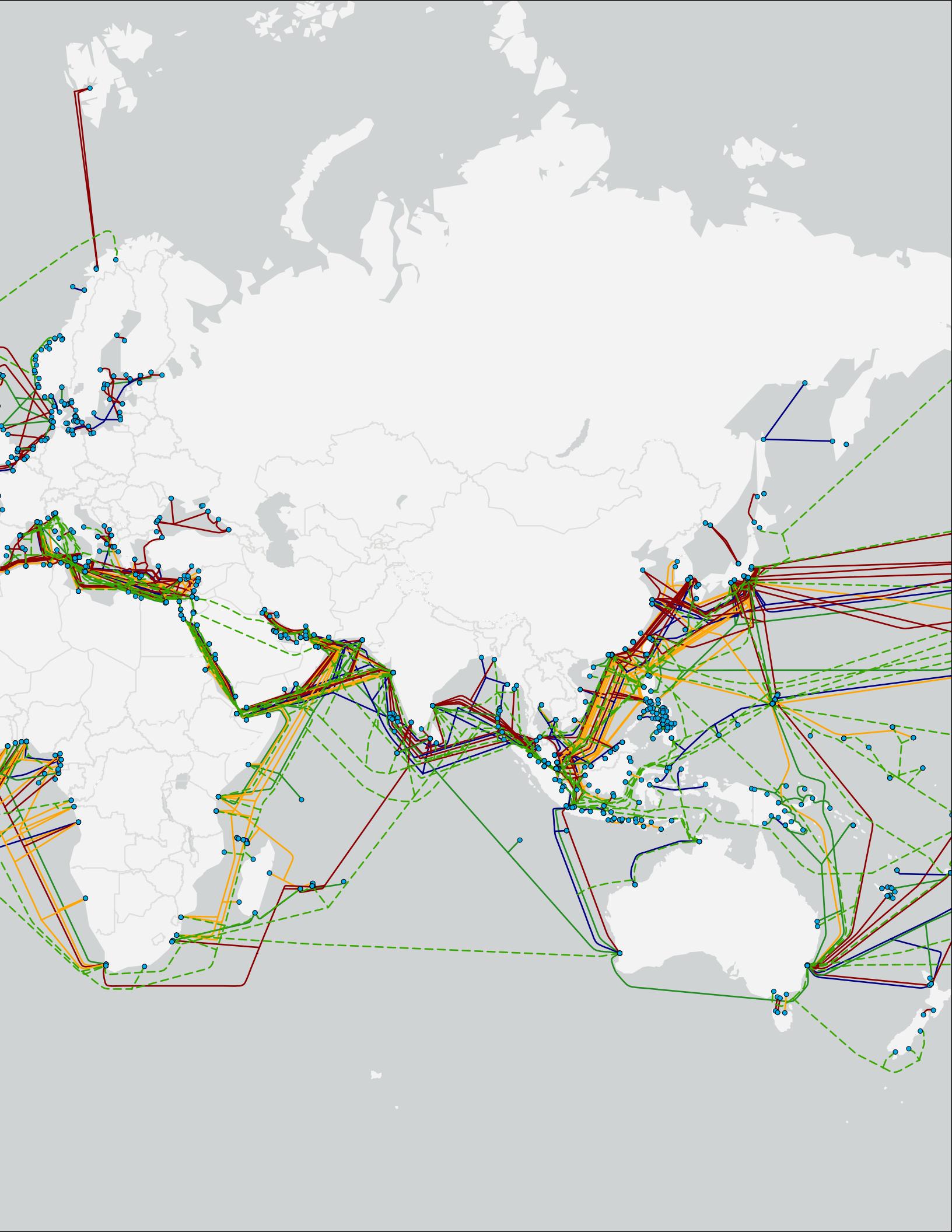
System Cost (USD) – The total cost of the cable system project, denominated in US dollars.

System Installer – The names of all companies reported as responsible for installing the cable system.

System Supplier – The names of all companies reported as suppliers of the cable system.

Wavelengths per Fiber Pairs – The number of wavelengths or channels available on a single fiber pair.





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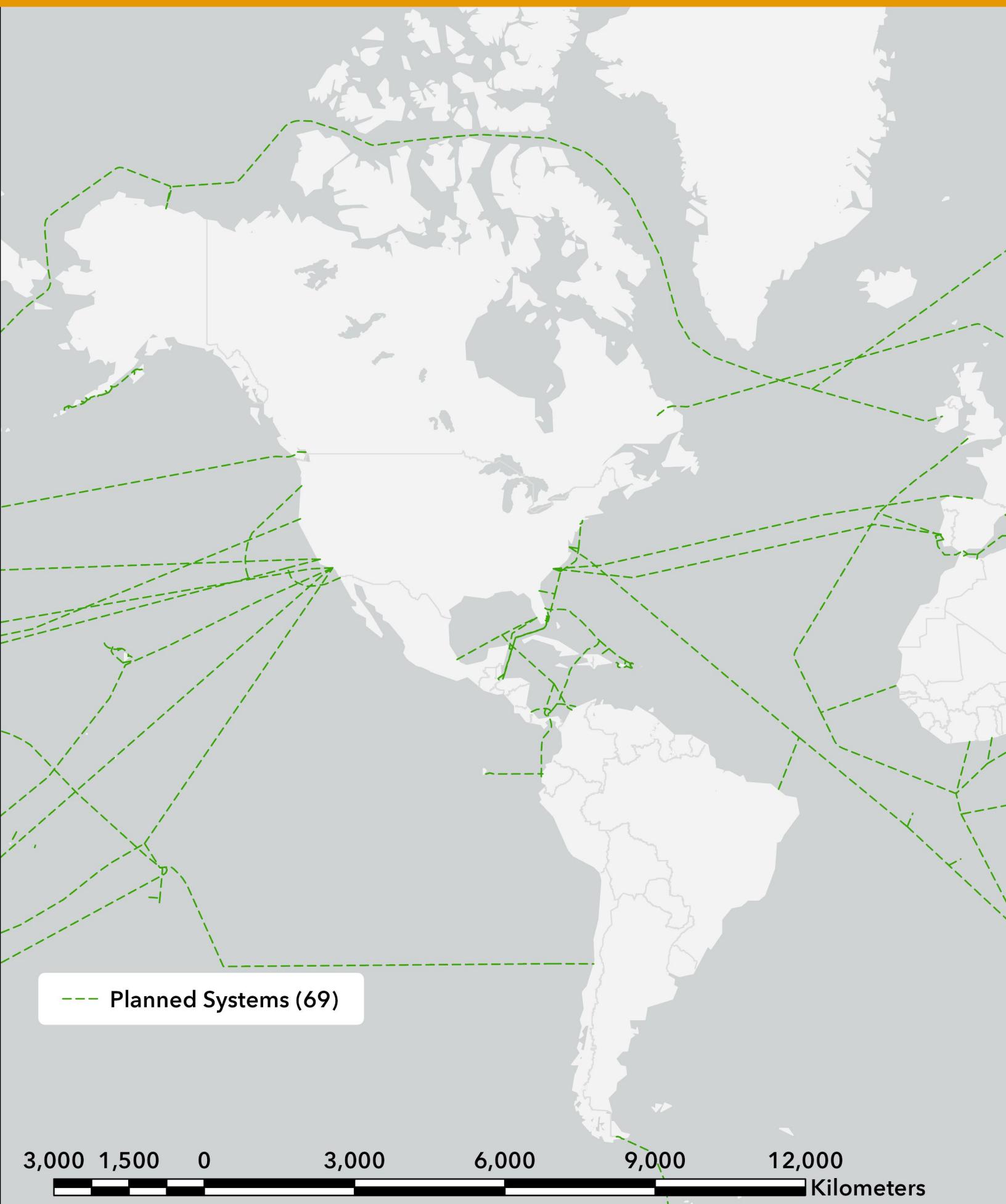
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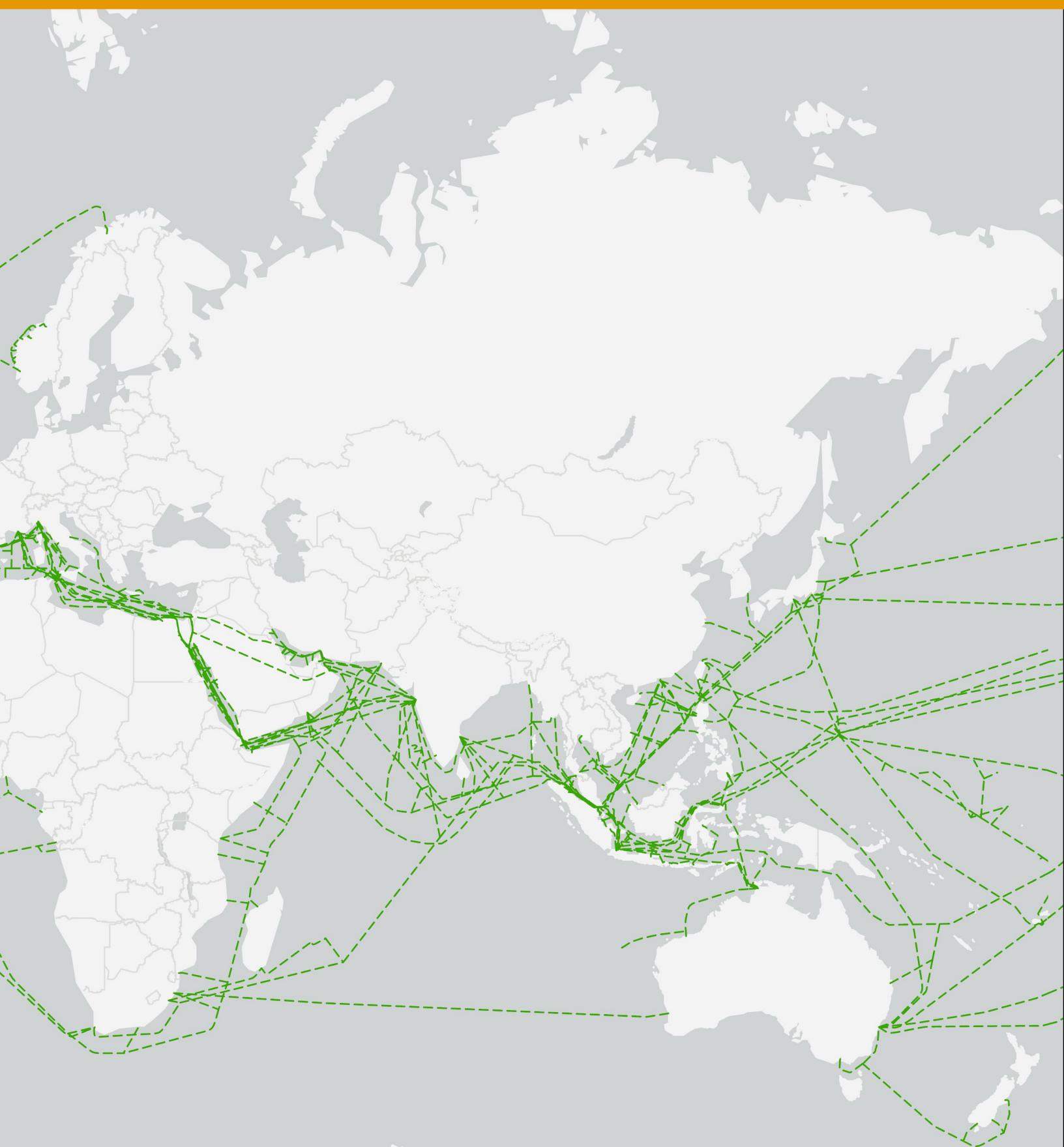
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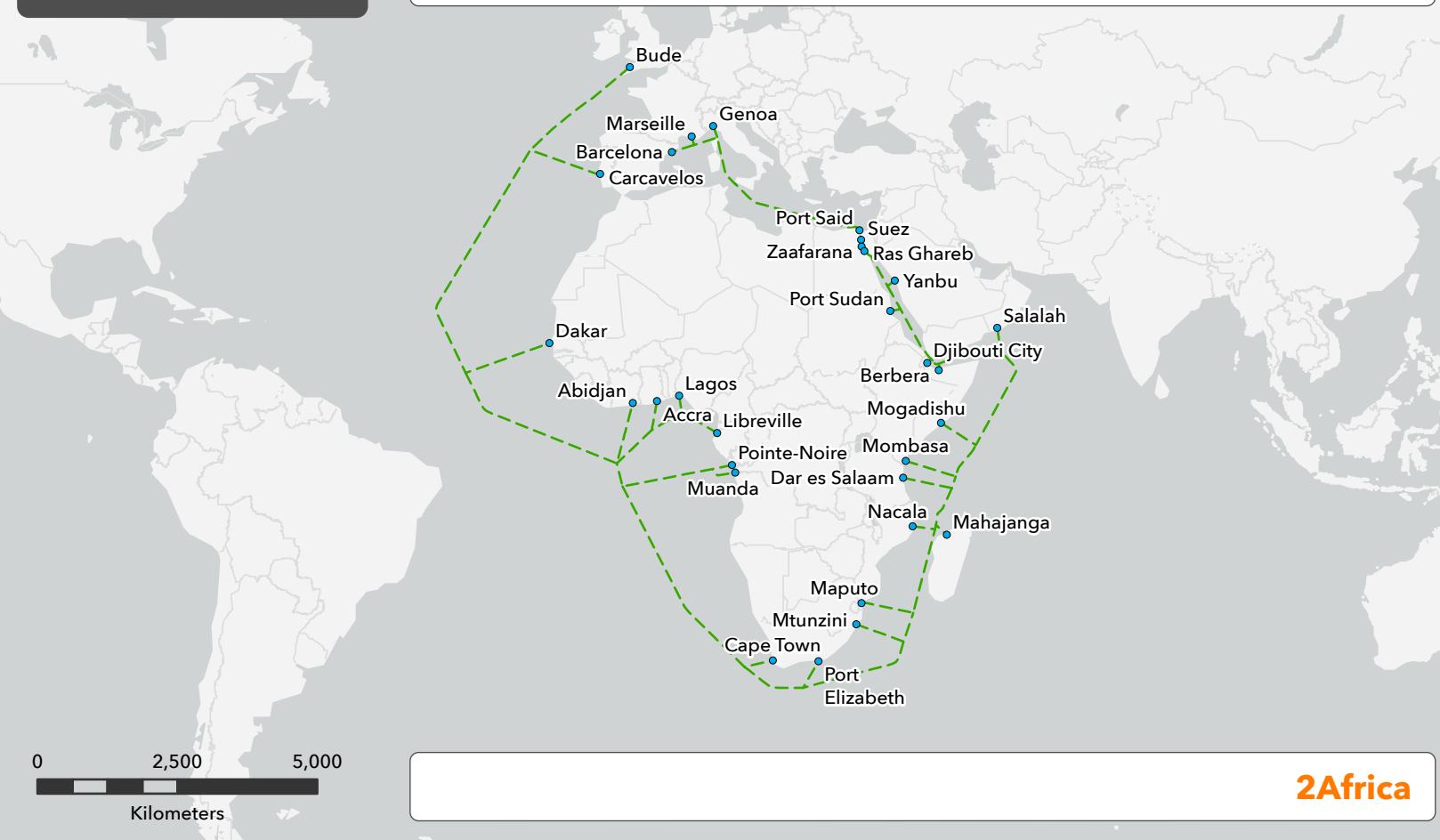
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Planned S



Systems





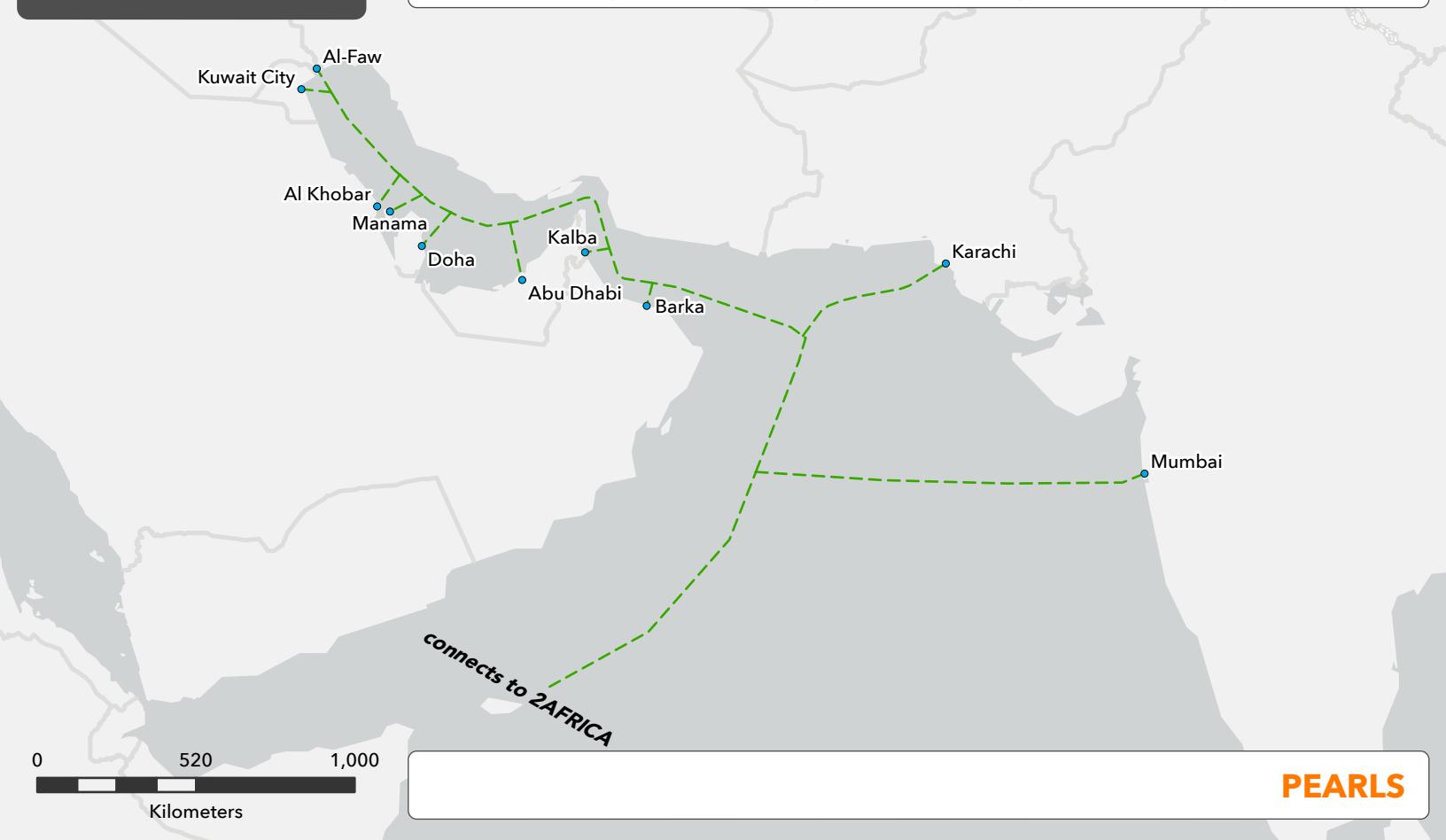
SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$92,500,000
Length (km)	32,767
Design Capacity (Tbps)	180
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN

LANDING POINTS

City	State/Province	Country
Abidjan		Ivory Coast
Accra	Greater Accra Region	Ghana
Barcelona	Catalonia	Spain
Berbera	Sahil	Somalia
Bude	England	United Kingdom
Cape Town	Western Cape	South Africa
Carcavelos	Cascais	Portugal
Dakar	Dakar	Senegal
Dar es Salaam	Dar es Salaam	Tanzania
Djibouti City	Djibouti	Djibouti
Genoa	Liguria	Italy
Lagos	Lagos	Nigeria
Libreville	Estuaire	Gabon
Mahajanga	Boeny	Madagascar
Maputo	Maputo	Mozambique
Marseille	Provence-Alpes-Côte d'Azur	France
Mogadishu	Banaadir	Somalia
Mombasa	Mombasa	Kenya
Mtunzini	KwaZulu-Natal	South Africa
Muanda	Kongo Central	Dem. Republic of the Congo
Nacala	Nampula	Mozambique
Pointe-Noire	Pointe-Noire Department	Dem. Republic of the Congo
Port Elizabeth	Eastern Cape	South Africa
Port Said	Port Said Governorate	Egypt
Port Sudan	Red Sea State	Sudan
Ras Ghareb	Red Sea Governorate	Egypt
Salalah	Dhofar	Oman
Suez	Suez Governorate	Egypt
Yanbu	Al Madinah Province	Saudi Arabia
Zaafarana	Red Sea Governorate	Egypt

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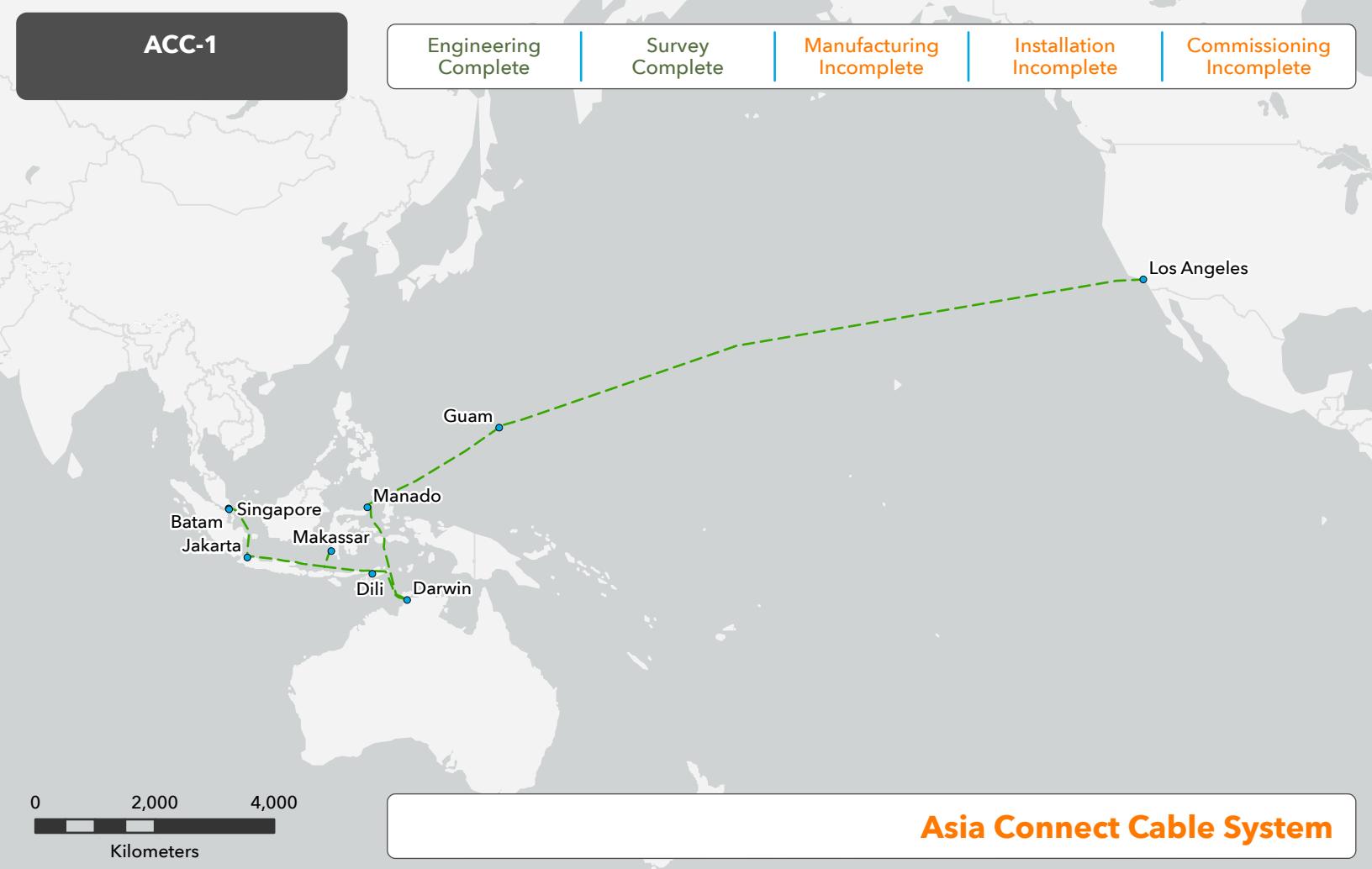
SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$20,000,000
Length (km)	8,000
Design Capacity (Tbps)	180
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Abu Dhabi	Abu Dhabi	United Arab Emirates
Al Khobar	Eastern Province	Saudi Arabia
Al-Faw	Al-Faw	Iraq
Barka	Al Bāṭinah	Oman
Doha	Doha	Qatar
Kalba	Sharjah	United Arab Emirates
Karachi	Sindh	Pakistan
Kuwait City	Al Asimah	Kuwait
Manama	Capital Governorate	Bahrain
Mumbai	Maharashtra	India

System Installer	ASN
Owner(s)	China Mobile, Meta, MTN GlobalConnect, Orange, PEACE Cable International Network, STC, Telecom Egypt, Vodafone, WIOCC



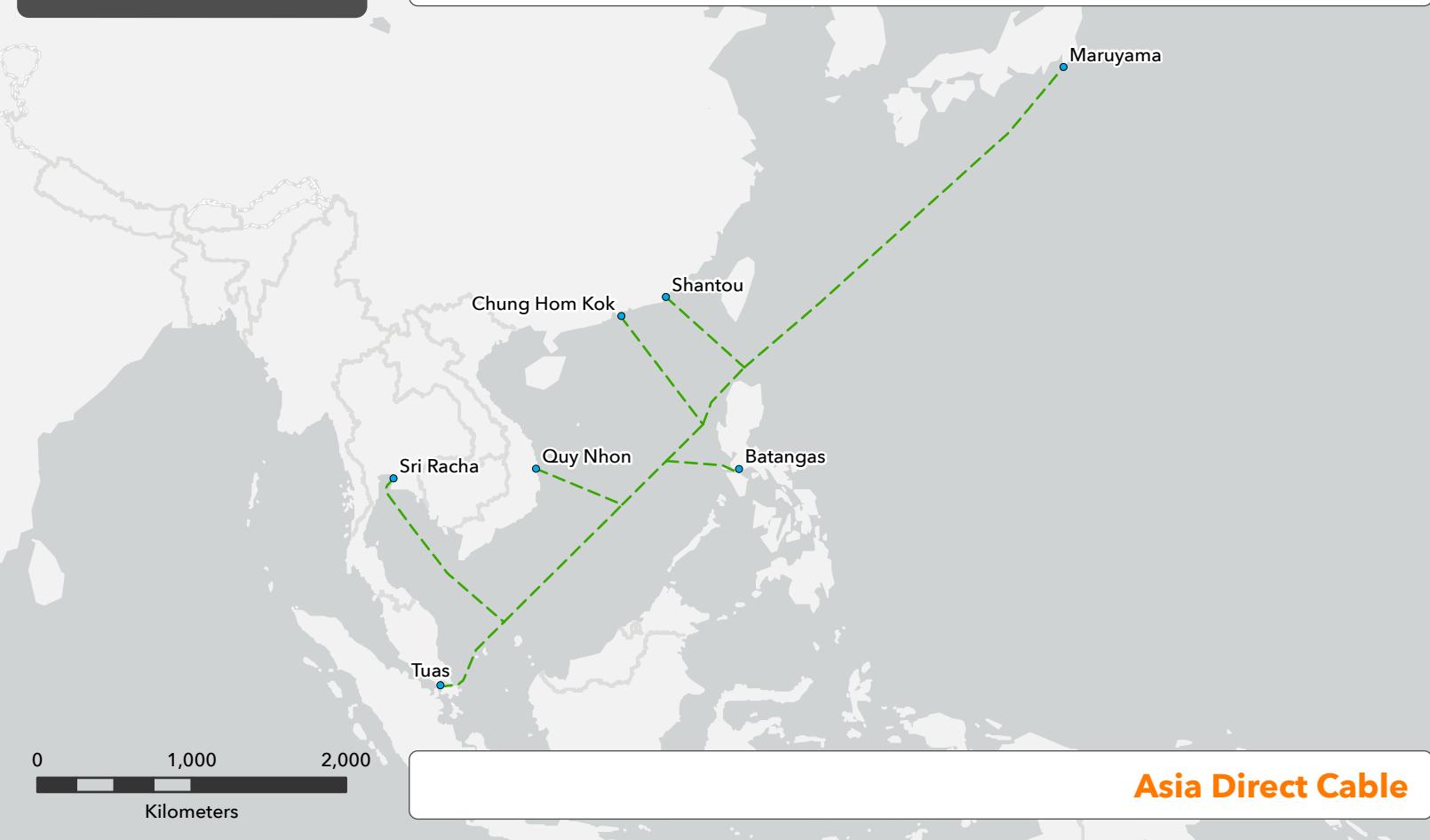
Asia Connect Cable System

SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$45,000,000
Length (km)	17,000
Design Capacity (Tbps)	256
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Indosat Ooredoo Hutchison, Inligo Networks

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Darwin	Northern Territory	Australia
Dili	Guam	United States
Jakarta	Jakarta	Indonesia
Los Angeles	California	United States
Makassar	South Sulawesi	Indonesia
Manado	North Sulawesi	Indonesia
Singapore		Singapore



SYSTEM DETAILS

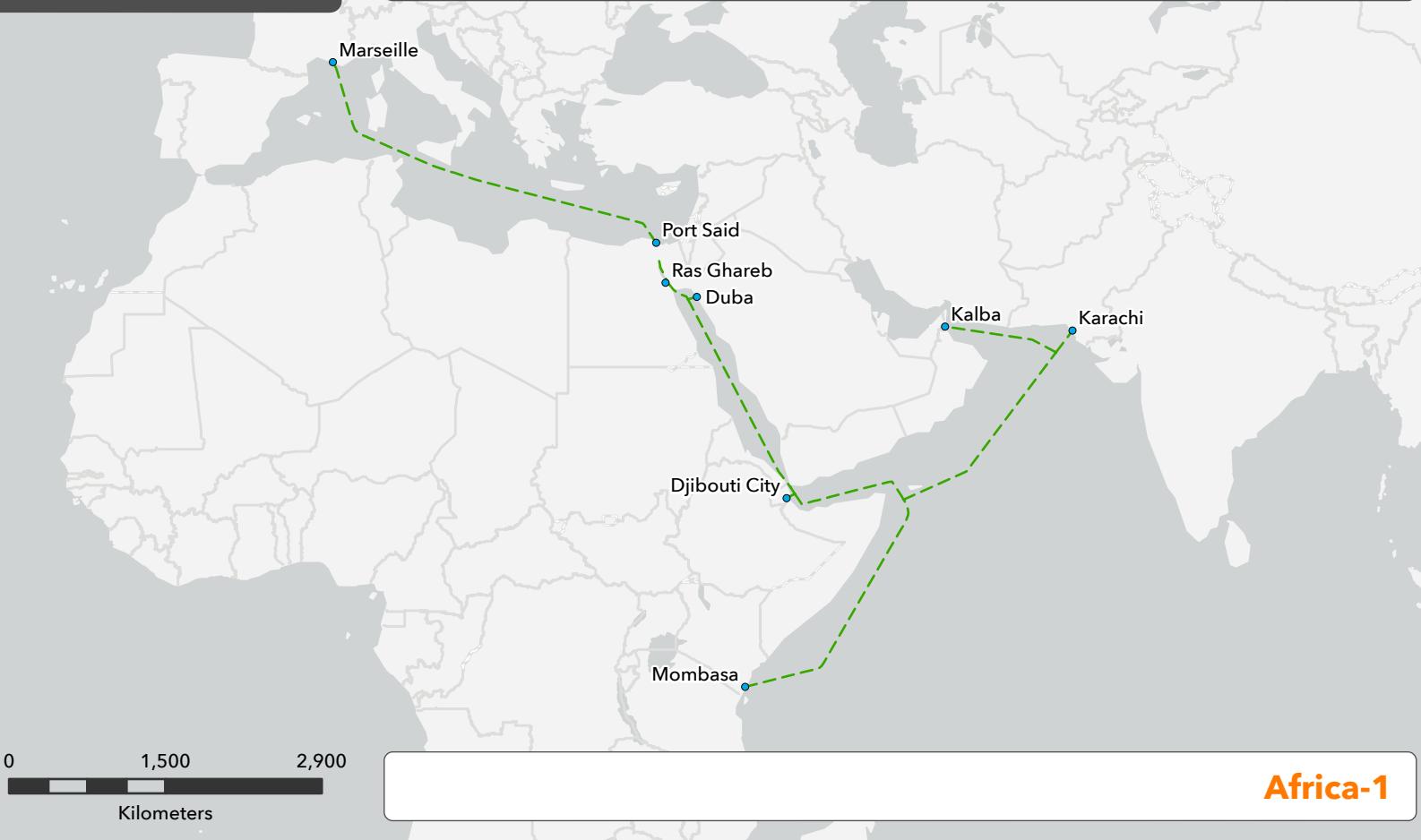
RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$29,000,000
Length (km)	9,800
Design Capacity (Tbps)	140
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC

LANDING POINTS

City	State/Province	Country
Batangas	Calabarzon	Philippines
Chung Hom Kok	Hong Kong	China
Maruyama	Chiba	Japan
Quy Nhon	Binh Dinh	Vietnam
Shantou	Guangdong Province	China
Sri Racha	Chon Buri	Thailand
Tuas	West Region	Singapore

System Installer	Not Available
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Owner(s)	ADC Consortium, CAT Telecom, China Telecom Corporation, China Unicom, PLDT, Singtel, SoftBank, TATA Communications, Viettel
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SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$25,000,000
Length (km)	10,000
Design Capacity (Tbps)	192
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Djibouti City	Djibouti	Djibouti
Duba	Tabuk	Saudi Arabia
Kalba	Sharjah	United Arab Emirates
Karachi	Sindh	Pakistan
Marseille	Provence-Alpes-Côte d'Azur	France
Mombasa	Mombasa	Kenya
Port Said	Port Said Governorate	Egypt
Ras Ghareb	Red Sea Governorate	Egypt

System Installer	ASN
Owner(s)	Etisalat, G42, Mobily, Pakistan Telecommunication Company Limited, Telecom Egypt

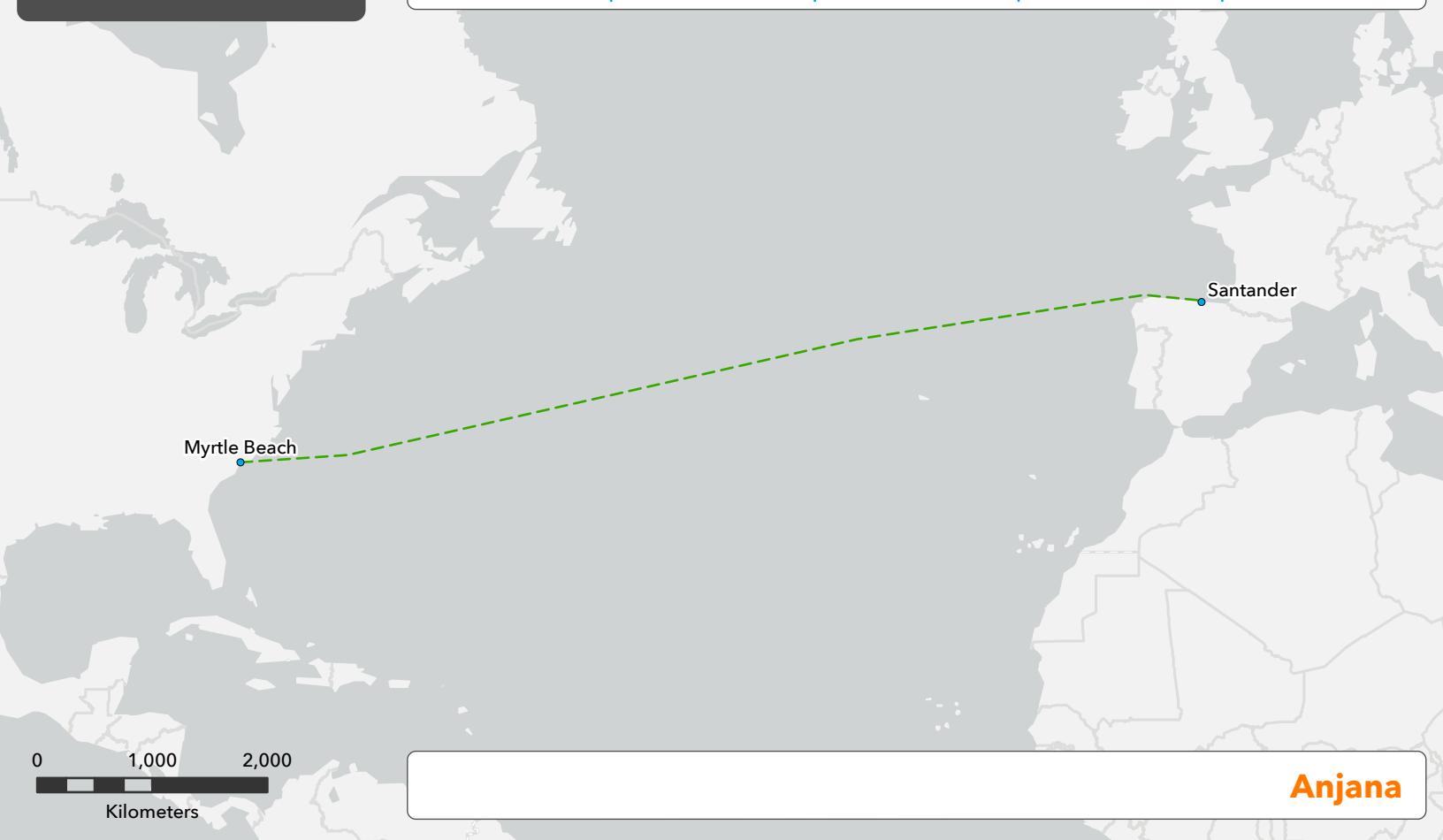


SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$30,000,000
Length (km)	6,000
Design Capacity (Tbps)	144
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	China Telecom Global, Dito Telecommunity, Globe Telecom, Singtel, UNN Unified National Networks Sdn Bhd

LANDING POINTS

City	State/Province	Country
Changi	East Region	Singapore
Hainan		China
	Hong Kong	China
La Union	La Union	Philippines
Luna	La Union	Philippines
Tungku	Brunei-Muara	Brunei

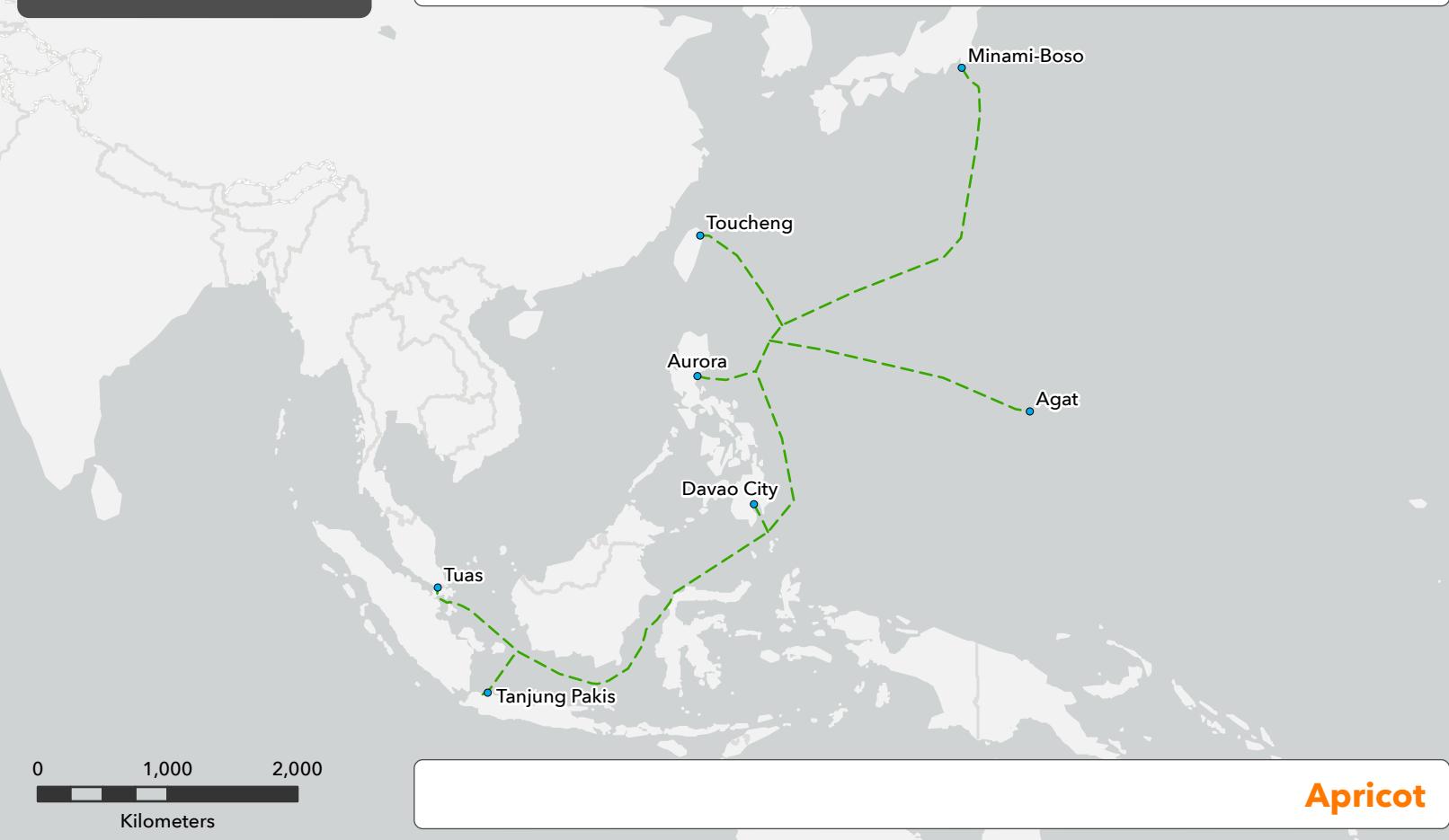


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	Not Available
Length (km)	7,121
Design Capacity (Tbps)	480
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC
System Installer	NEC
Owner(s)	Edge Cable Holdings

LANDING POINTS

City	State/Province	Country
Myrtle Beach	South Carolina	United States
Santander	Cantabria	Spain



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$30,000,000
Length (km)	12,000
Design Capacity (Tbps)	190
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	NTT
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Agat		Guam
	Aurora	Philippines
Davao City	Davao del Sur	Philippines
Minami-Boso	Chiba	Japan
Tanjung Pakis	West Java	Indonesia
Toucheng	Yilan	Taiwan
Tuas	West Region	Singapore

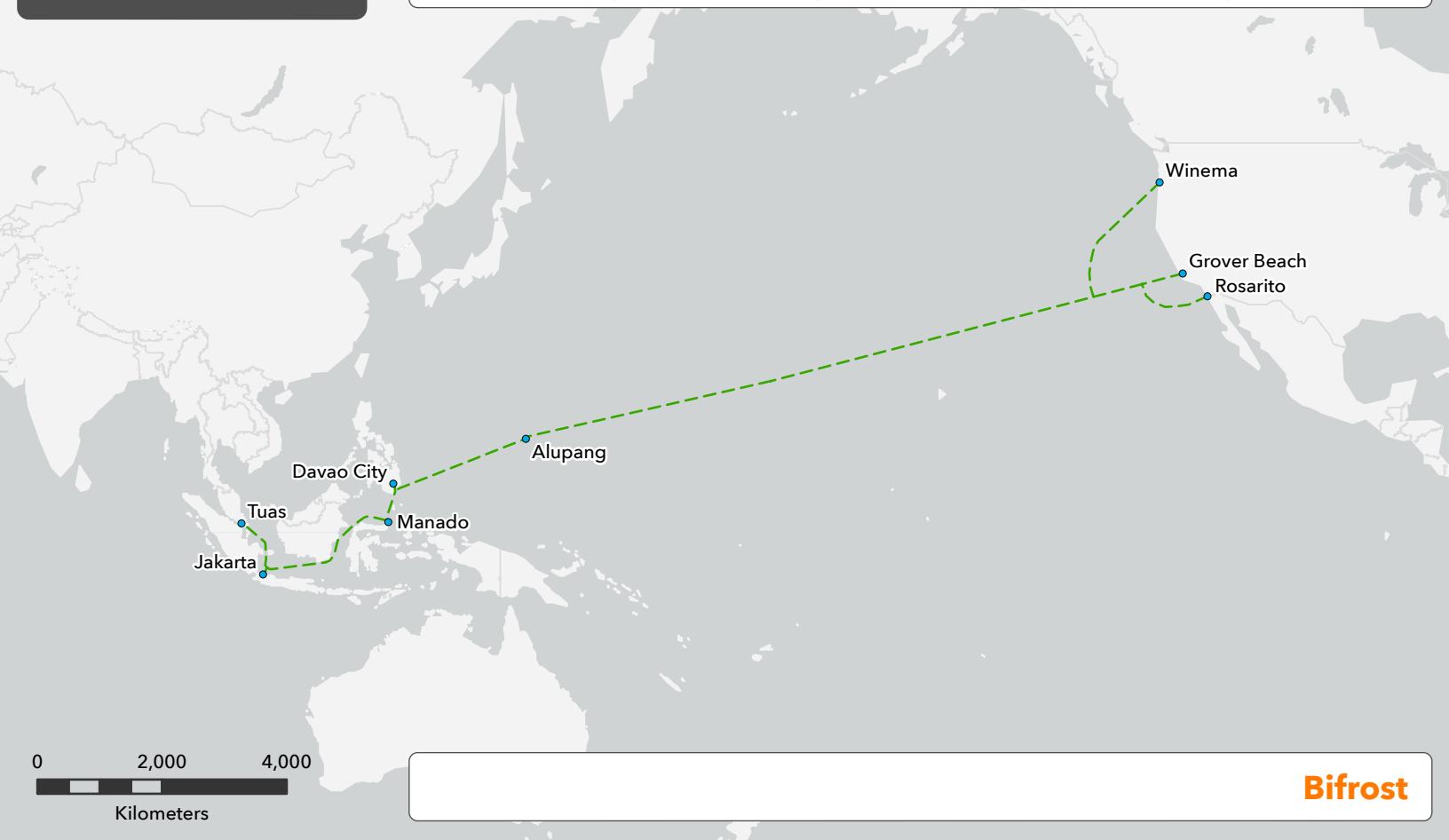


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$36,400,000
Length (km)	860
Design Capacity (Tbps)	Not Available
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	800
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GCI

LANDING POINTS

City	State/Province	Country
Akutan	Alaska	United States
Chignik Bay	Alaska	United States
Cold Bay	Alaska	United States
False Pass	Alaska	United States
King Cove	Alaska	United States
Kodiak	Alaska	United States
Larsen Bay	Alaska	United States
Perryville	Alaska	United States
Sand Point	Alaska	United States
Unalaska	Alaska	United States



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$10,000,000
Length (km)	16,460
Design Capacity (Tbps)	Not Available
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Converge ICT, Keppel T&T, Meta, Telin

LANDING POINTS

City	State/Province	Country
Alupang		Guam
Davao City	Davao del Sur	Philippines
Grover Beach	California	United States
Jakarta	Jakarta	Indonesia
Manado	North Sulawesi	Indonesia
Rosarito	Baja California	Mexico
Tuas	West Region	Singapore
Winema	Oregon	United States

Blue

Engineering Complete

Survey Incomplete

Manufacturing Incomplete

Installation Incomplete

Commissioning Incomplete

**SYSTEM DETAILS**

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$40,000,000
Length (km)	Not Available
Design Capacity (Tbps)	Not Available
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google, Oman Telecommunications Company, Telecom Italia Sparkle

LANDING POINTS

City	State/Province	Country
Aqaba	Aqaba	Jordan
Chania	Crete	Greece
Genoa	Liguria	Italy
Sicily	Sicily	Italy
Tel Aviv	Tel Aviv	Israel



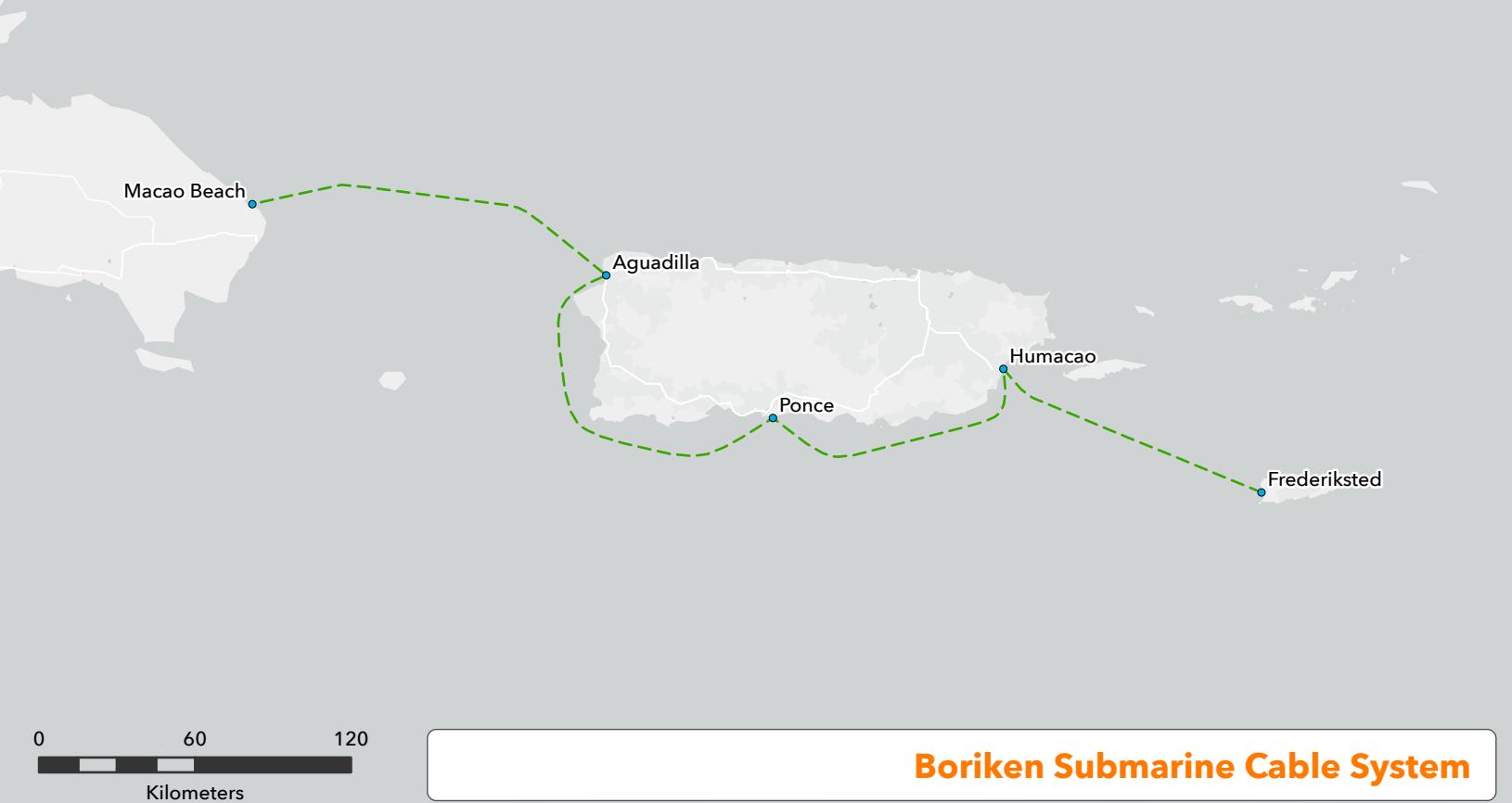
BlueMed

SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$25,000,000
Length (km)	1,000
Design Capacity (Tbps)	240
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telecom Italia Sparkle

LANDING POINTS

City	State/Province	Country
Genoa	Liguria	Italy
Palermo	Sicily	Italy


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$16,750,000
Length (km)	670
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Blackburn Technologies

LANDING POINTS

City	State/Province	Country
Aguadilla		Puerto Rico
Frederiksted	St. Croix	U.S. Virgin Islands
Humacao		Puerto Rico
Macao Beach	La Altagracia	Dominican Republic
Ponce		Puerto Rico

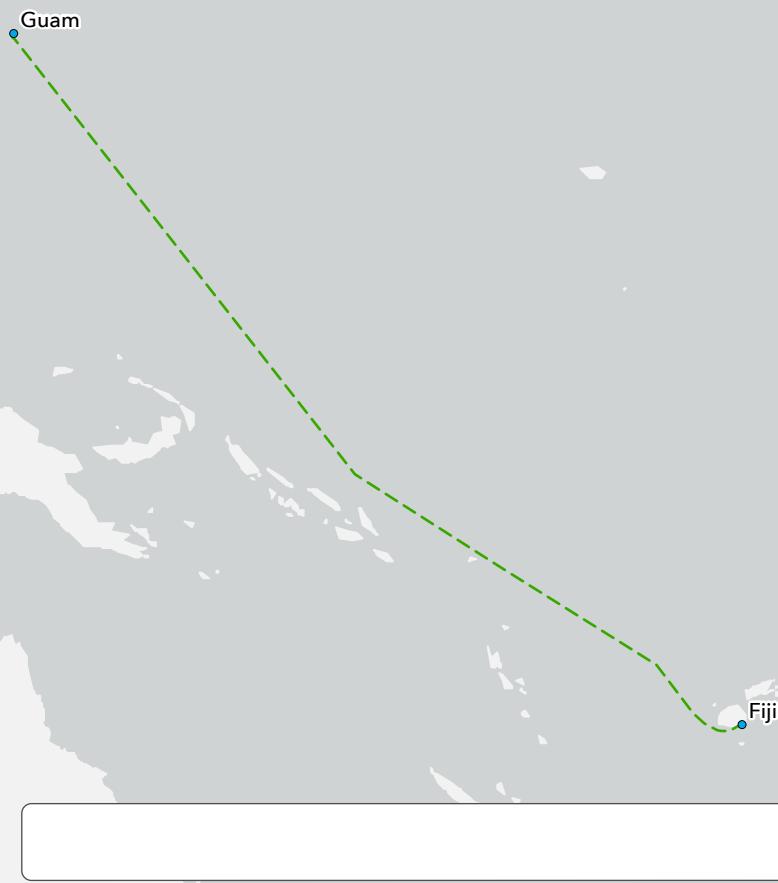


SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	Not Available
Length (km)	4,700
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Super Sistem

LANDING POINTS

City	State/Province	Country
Balikpapan	East Kalimantan	Indonesia
Batam	Riau Islands	Indonesia
Gresik	East Java	Indonesia
Jambi	Jambi	Indonesia
Makassar	South Sulawesi	Indonesia
Manado	North Sulawesi	Indonesia
Tanjung Pakis	West Java	Indonesia

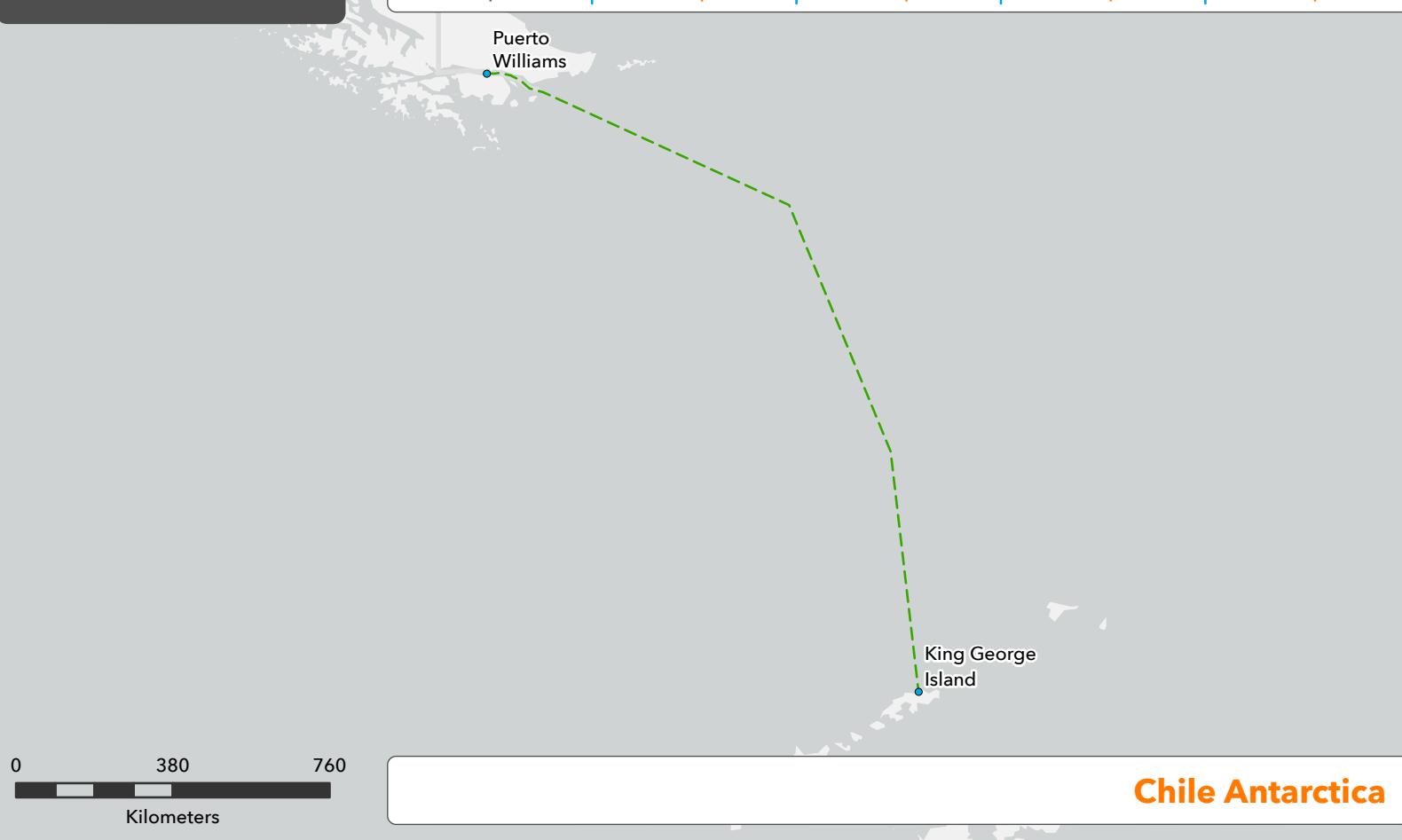


SYSTEM DETAILS

RFS Year	Not Available
EOS Year	Not Available
Est. System Cost (USD)	\$39,000,000
Length (km)	5,200
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Guam	Guam	United States

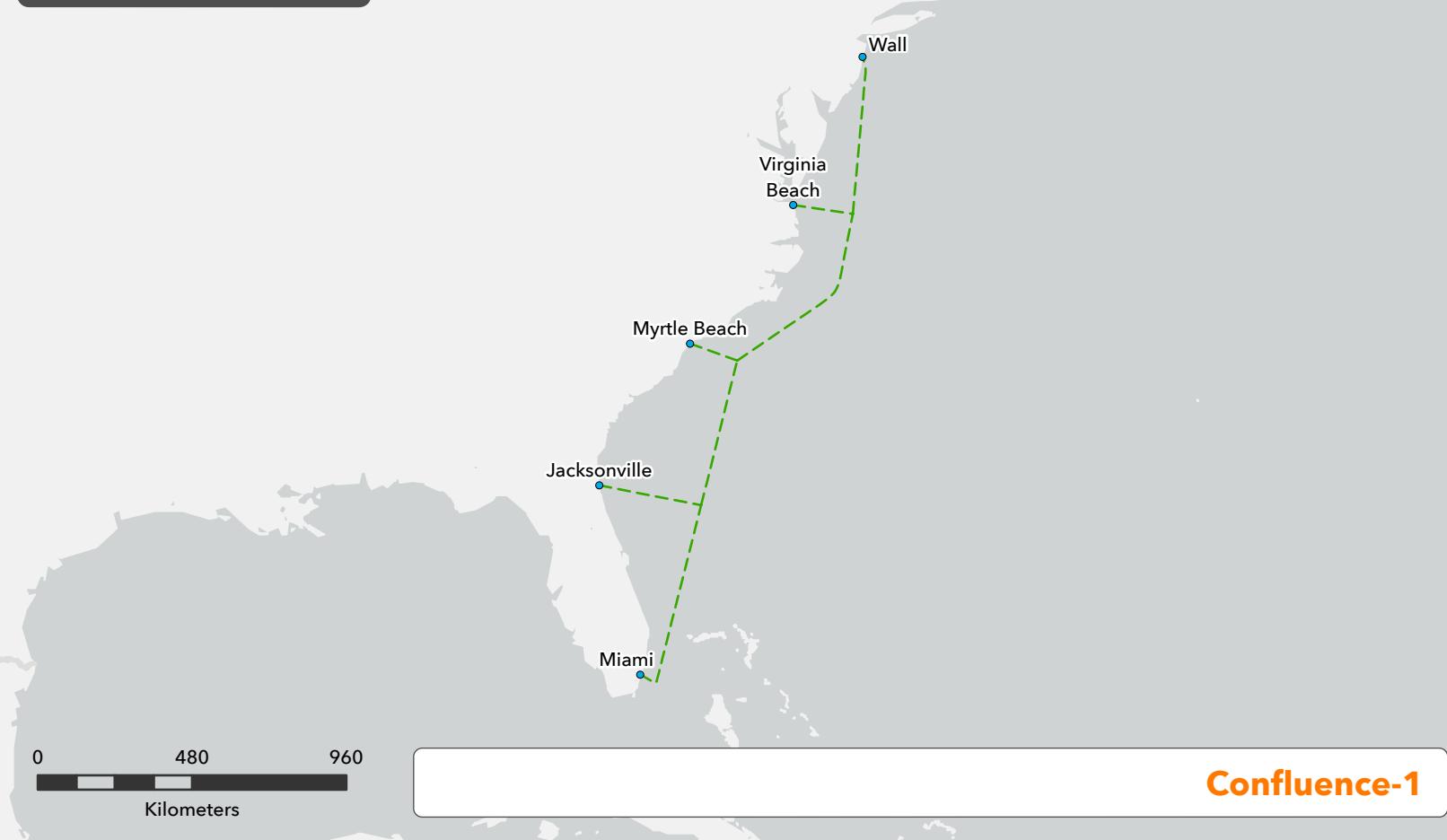


SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	Not Available
Length (km)	Not Available
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Desarrollo Pais

LANDING POINTS

City	State/Province	Country
King George Island		Antarctica
Puerto Williams	Antártica Chilena	Chile

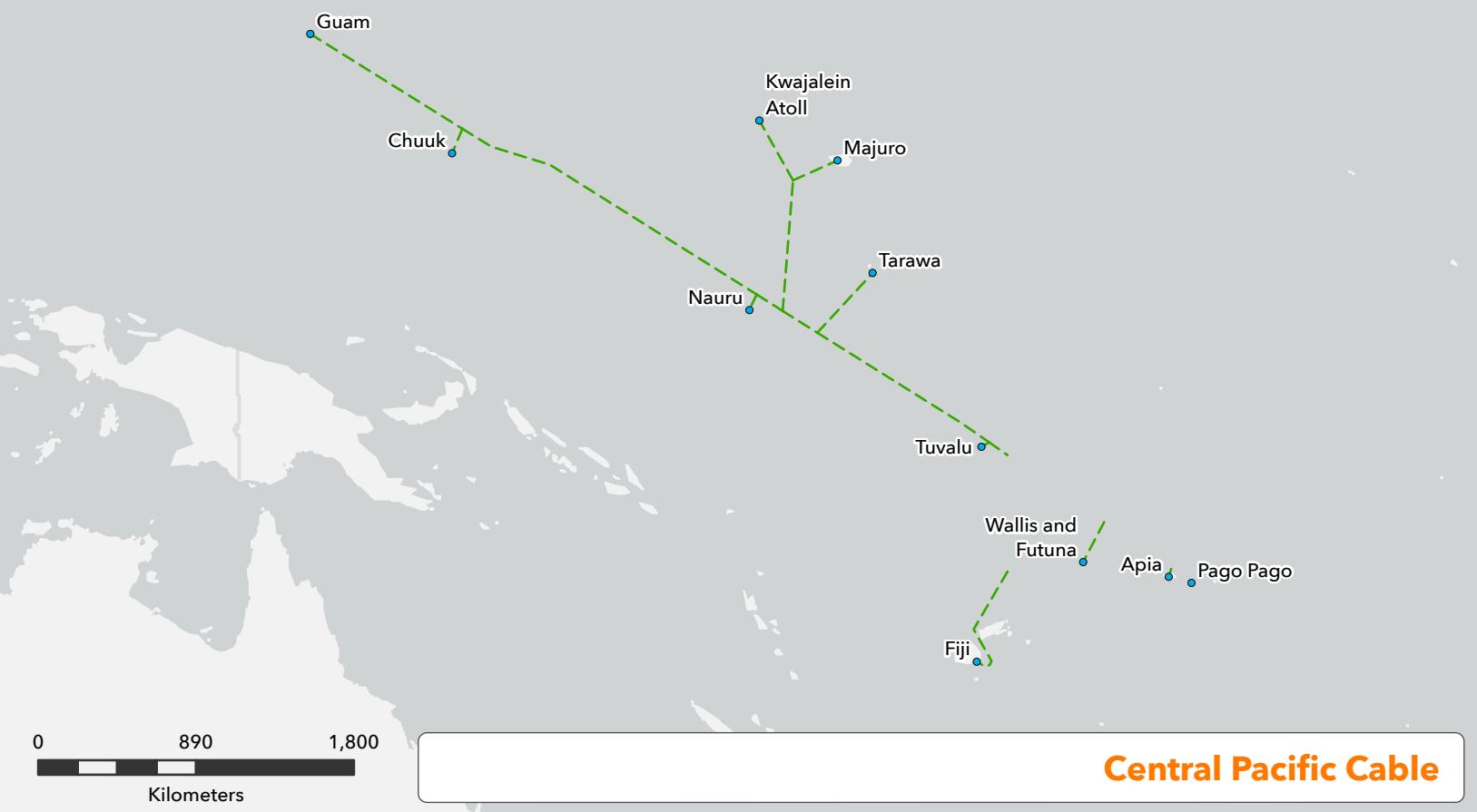


SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$70,000,000
Length (km)	2,571
Design Capacity (Tbps)	500
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Confluence Networks

LANDING POINTS

City	State/Province	Country
Jacksonville	Florida	United States
Miami	Florida	United States
Myrtle Beach	South Carolina	United States
Virginia Beach	Virginia	United States
Wall	New Jersey	United States

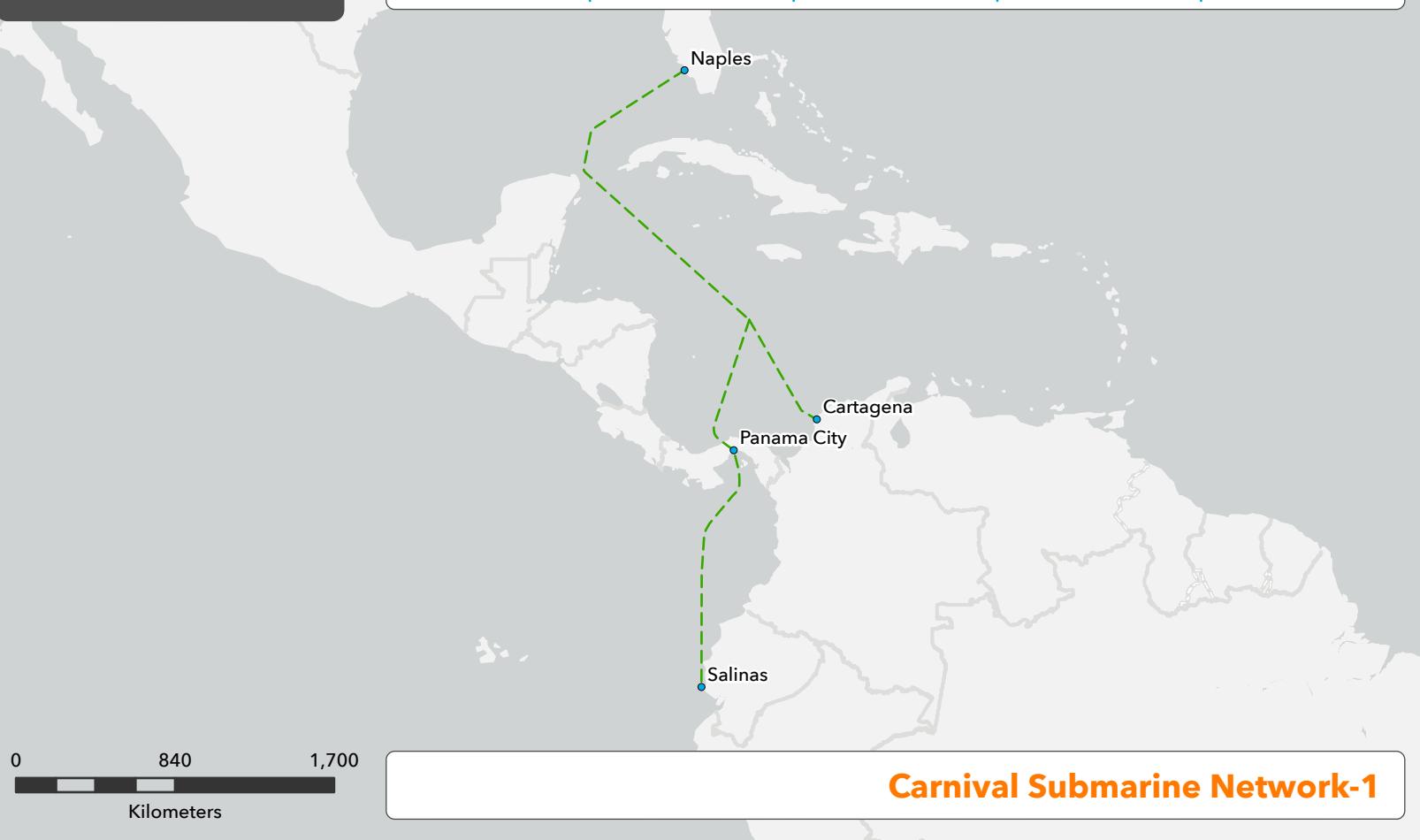


SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	Not Available
Length (km)	Not Available
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Apia	Tuamasaga	Samoa
Chuuk		Micronesia
	Guam	United States
Kwajalein Atoll		Marshall Islands
Majuro		Marshall Islands
Nauru		Nauru
Pago Pago	Tu'uila	American Samoa
Tarawa		Kiribati
		Tuvalu
		Wallis and Futuna

**SYSTEM DETAILS**

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$11,250,000
Length (km)	4,500
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Telconet

LANDING POINTS

City	State/Province	Country
Cartagena	Bolívar	Colombia
Naples	Florida	United States
Panama City	Panamá	Panama
Salinas	Santa Elena	Ecuador



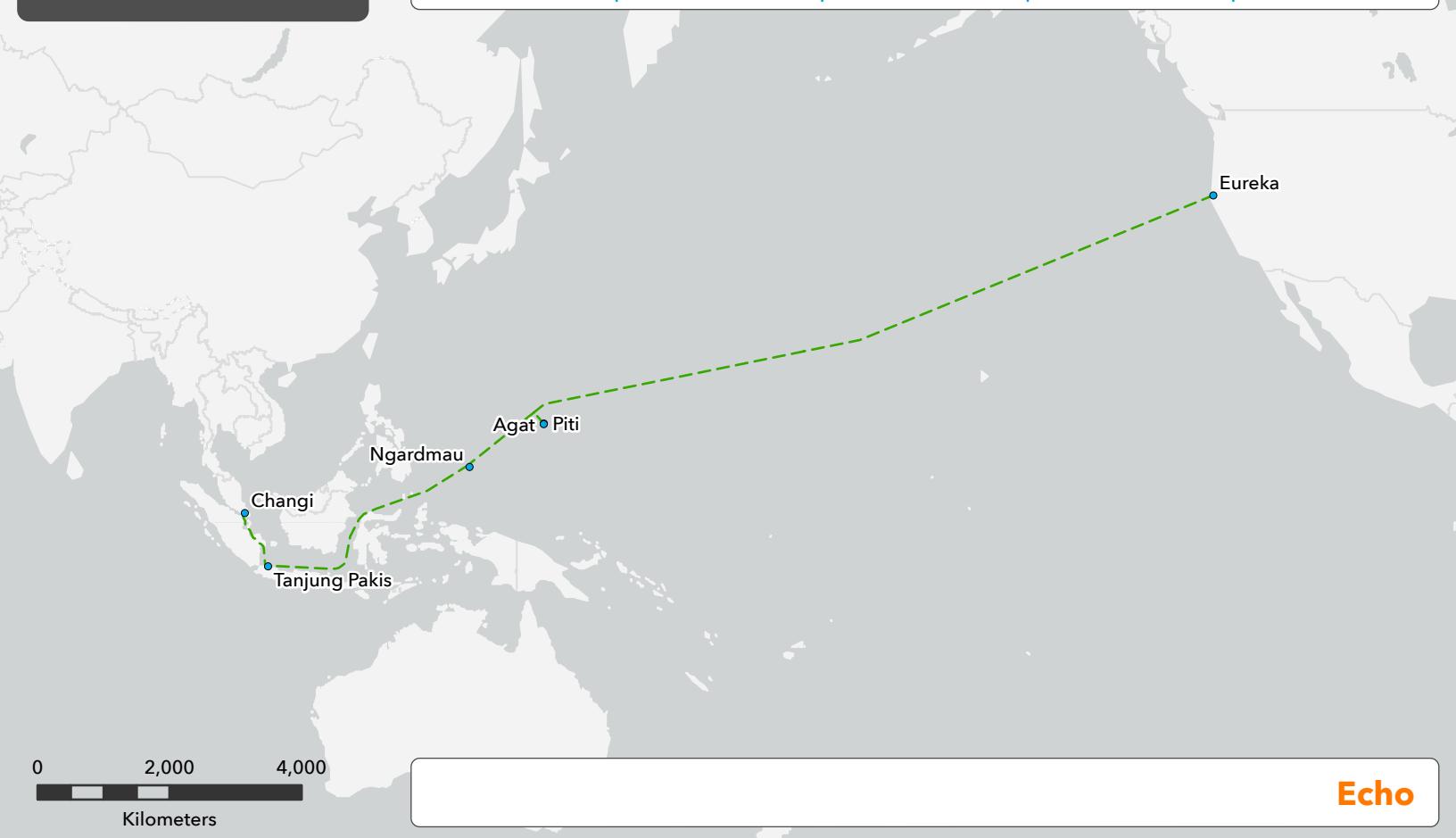
East Micronesia Cable

SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$56,250,000
Length (km)	2,250
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC
System Installer	Not Available
Owner(s)	Australian Infrastructure Financing Facility for the Pacific (AIFFP)

LANDING POINTS

City	State/Province	Country
Kosrae		Micronesia
Nauru		Nauru
Pohnpei	Pohnpei	Micronesia
Tarawa		Kiribati



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$25,530,000
Length (km)	17,184
Design Capacity (Tbps)	144
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC

LANDING POINTS

City	State/Province	Country
Agat		Guam
Changi	East Region	Singapore
Eureka	California	United States
Ngardmau	Ngardmau	Palau
Piti		Guam
Tanjung Pakis	West Java	Indonesia

System Installer

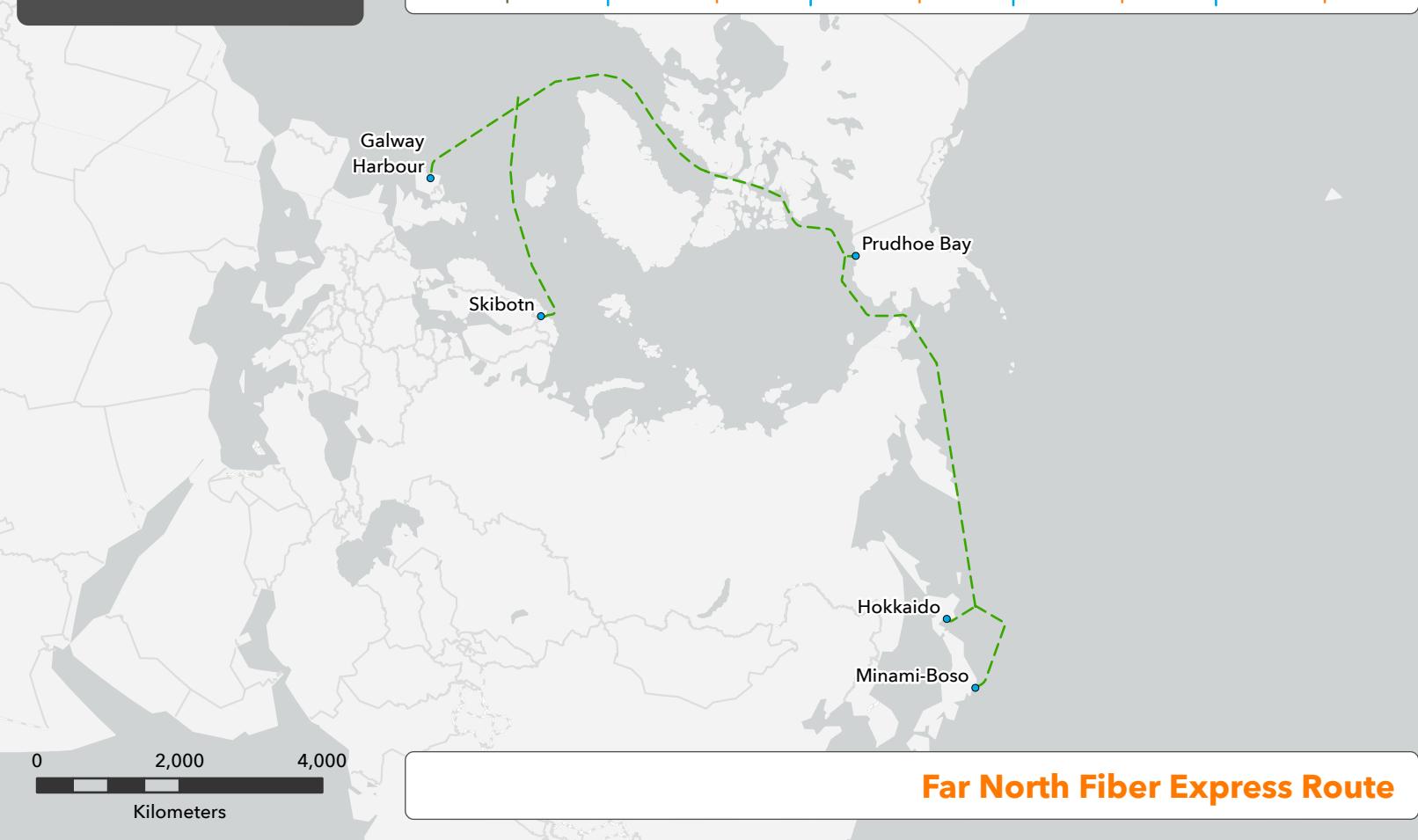
Owner(s)

**SYSTEM DETAILS**

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$75,000,000
Length (km)	30,000
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Aqua Comms Limited

LANDING POINTS

City	State/Province	Country
Barcelona	Catalonia	Spain
Genoa	Liguria	Italy
Marseille	Provence-Alpes-Côte d'Azur	France
Mumbai	Maharashtra	India
Port Said	Port Said Governorate	Egypt
Ras Ghareb	Red Sea Governorate	Egypt
Salalah	Dhofar	Oman

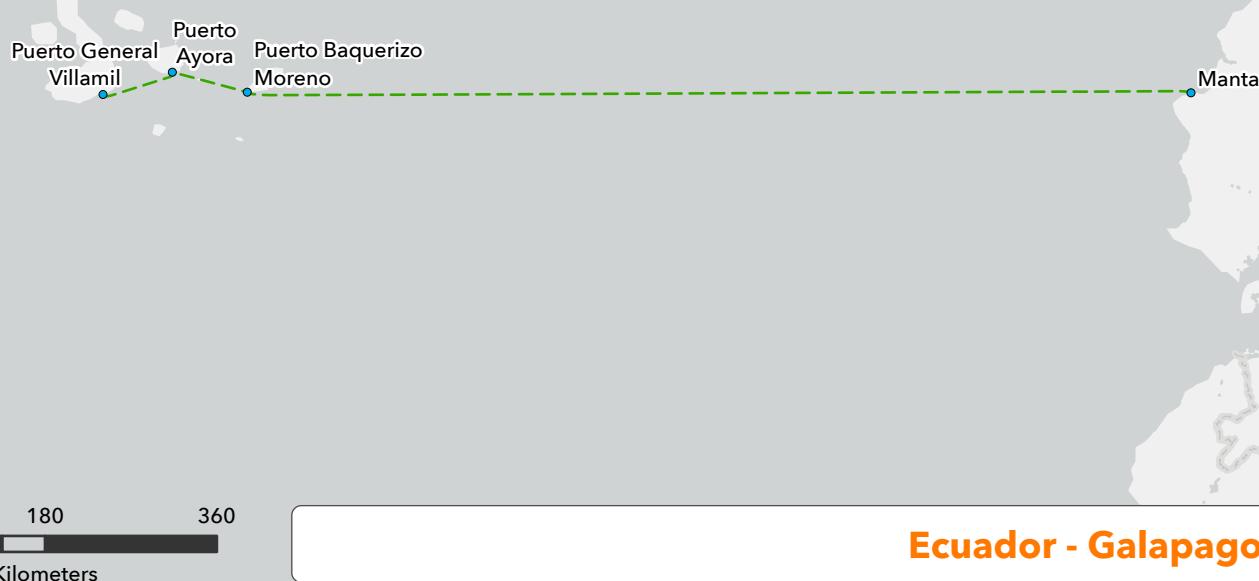


SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	\$12,000,000
Length (km)	17,000
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Arteria Networks Corporation, Cinia Oy, Far North Digital

LANDING POINTS

City	State/Province	Country
Galway Harbour	Galway	Ireland
	Hokkaido	Japan
Minami-Boso	Chiba	Japan
Prudhoe Bay	Alaska	United States
Skibotn	Troms	Norway


Ecuador - Galapagos Islands
SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$40,000,000
Length (km)	1,280
Design Capacity (Tbps)	20
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	Xtera
System Installer	Prysmian Group/NSW
Owner(s)	CNT EP

LANDING POINTS

City	State/Province	Country
Manta	Manabí	Ecuador
Puerto Ayora	Isla Santa Cruz	Ecuador
Puerto Baquerizo Moreno	San Cristobal Island	Ecuador
Puerto General Villamil	Isla Isablea	Ecuador

Gold Data 1

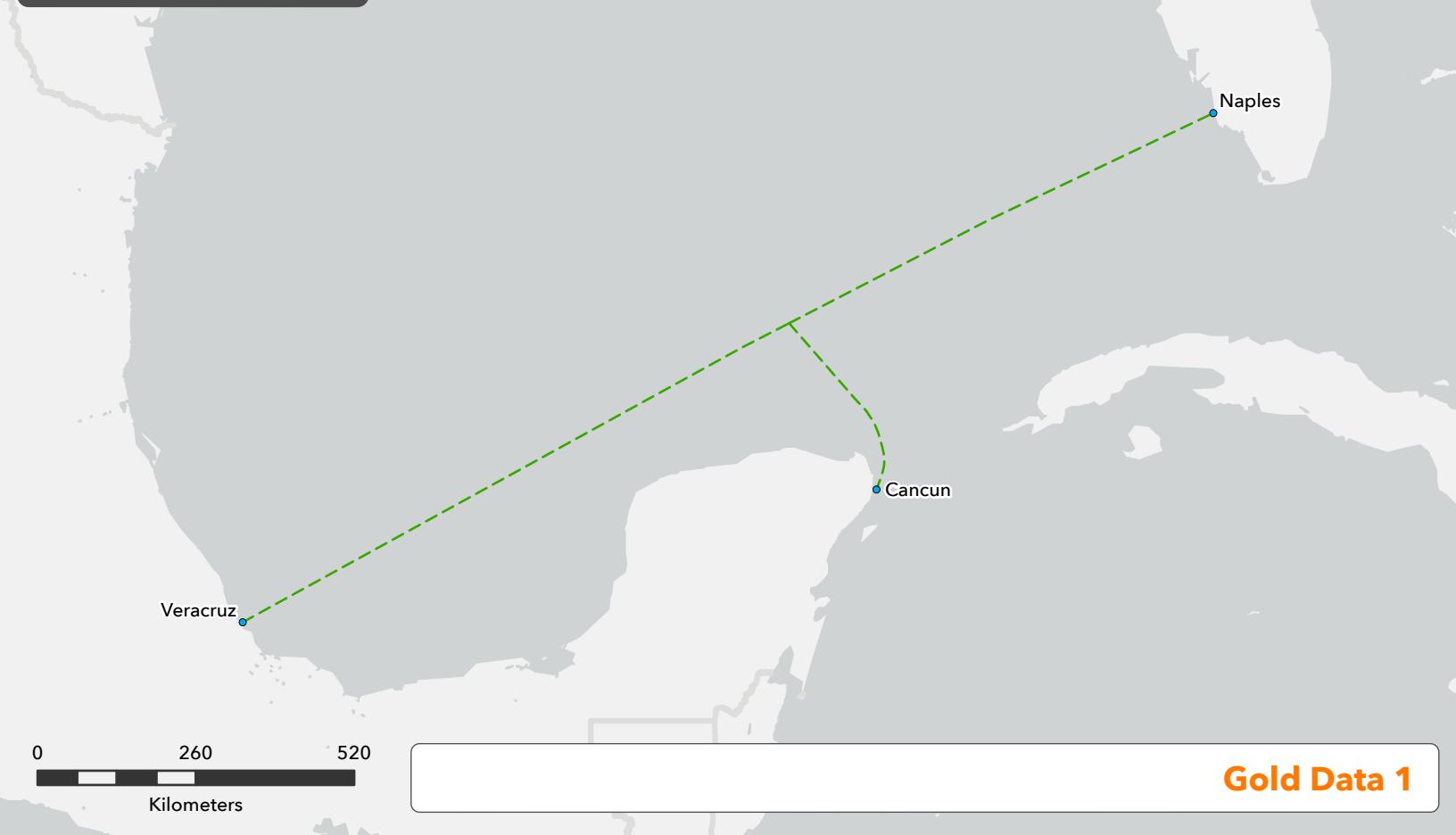
Engineering Complete

Survey Incomplete

Manufacturing Incomplete

Installation Incomplete

Commissioning Incomplete



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$58,050,000
Length (km)	2,322
Design Capacity (Tbps)	250
Fiber Pairs	10
Wavelengths per Fiber Pair	50
Capacity per Wavelength (Gbps)	400
System Supplier	ASN
System Installer	Orange
Owner(s)	Gold Data

LANDING POINTS

City	State/Province	Country
Cancun	Quintana Roo	Mexico
Naples	Florida	United States
Veracruz		Mexico

H2 Cable

Engineering Complete

Survey Incomplete

Manufacturing Incomplete

Installation Incomplete

Commissioning Incomplete



0 1,000 2,000
Kilometers

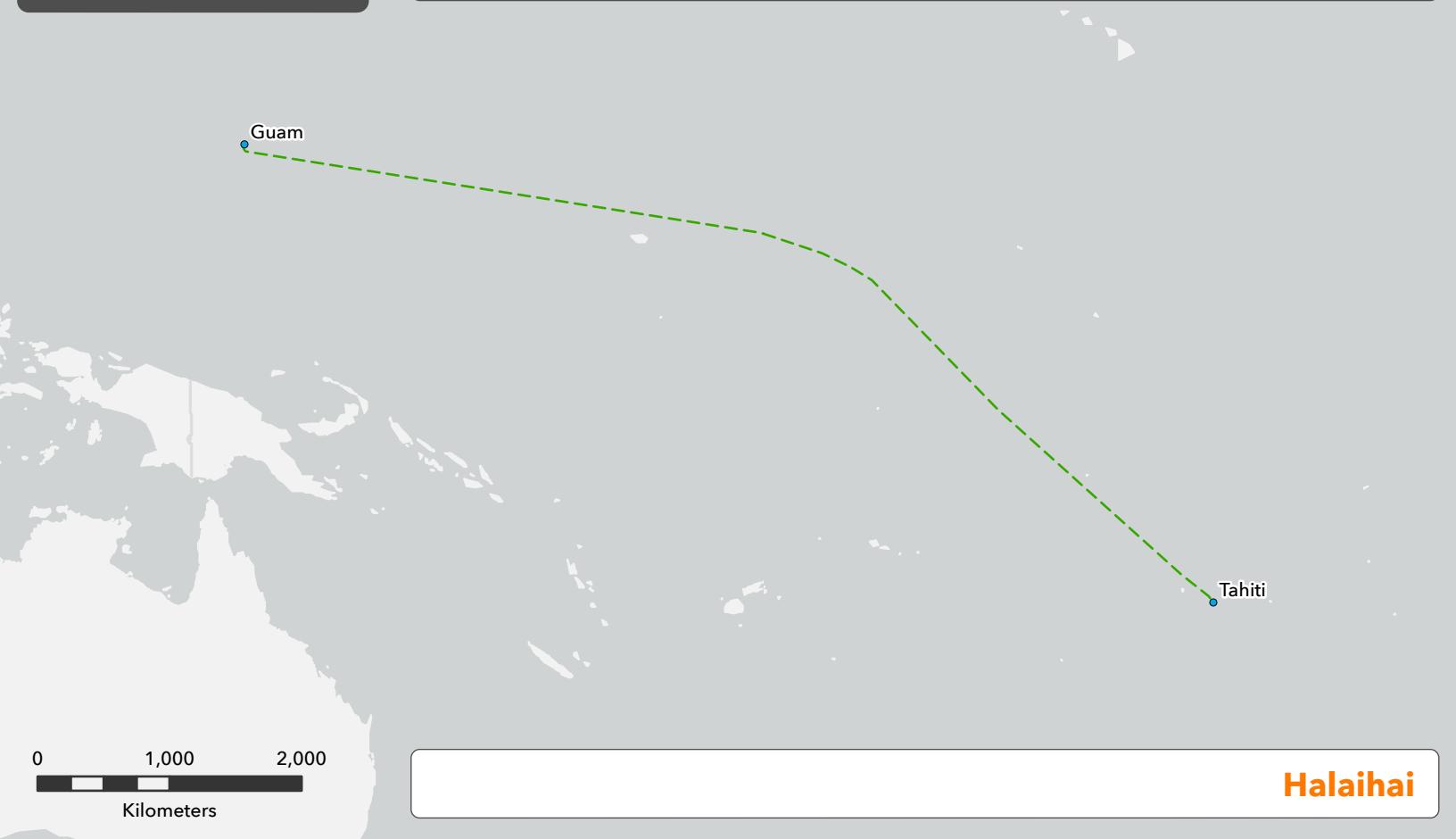
H2 Cable

SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$30,000,000
Length (km)	10,500
Design Capacity (Tbps)	20
Fiber Pairs	3
Wavelengths per Fiber Pair	45
Capacity per Wavelength (Gbps)	450
System Supplier	Not Available
System Installer	Not Available
Owner(s)	H2 Submarine Cable LP

LANDING POINTS

City	State/Province	Country
Chung Hom Kok	Hong Kong	China
Sydney	New South Wales	Australia
Toucheng	Yilan	Taiwan



SYSTEM DETAILS

RFS Year	2026
EOS Year	2026
Est. System Cost (USD)	\$61,500,000
Length (km)	8,200
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
		United States
Tahiti	Guam	French Polynesia

Hawaiki Nui

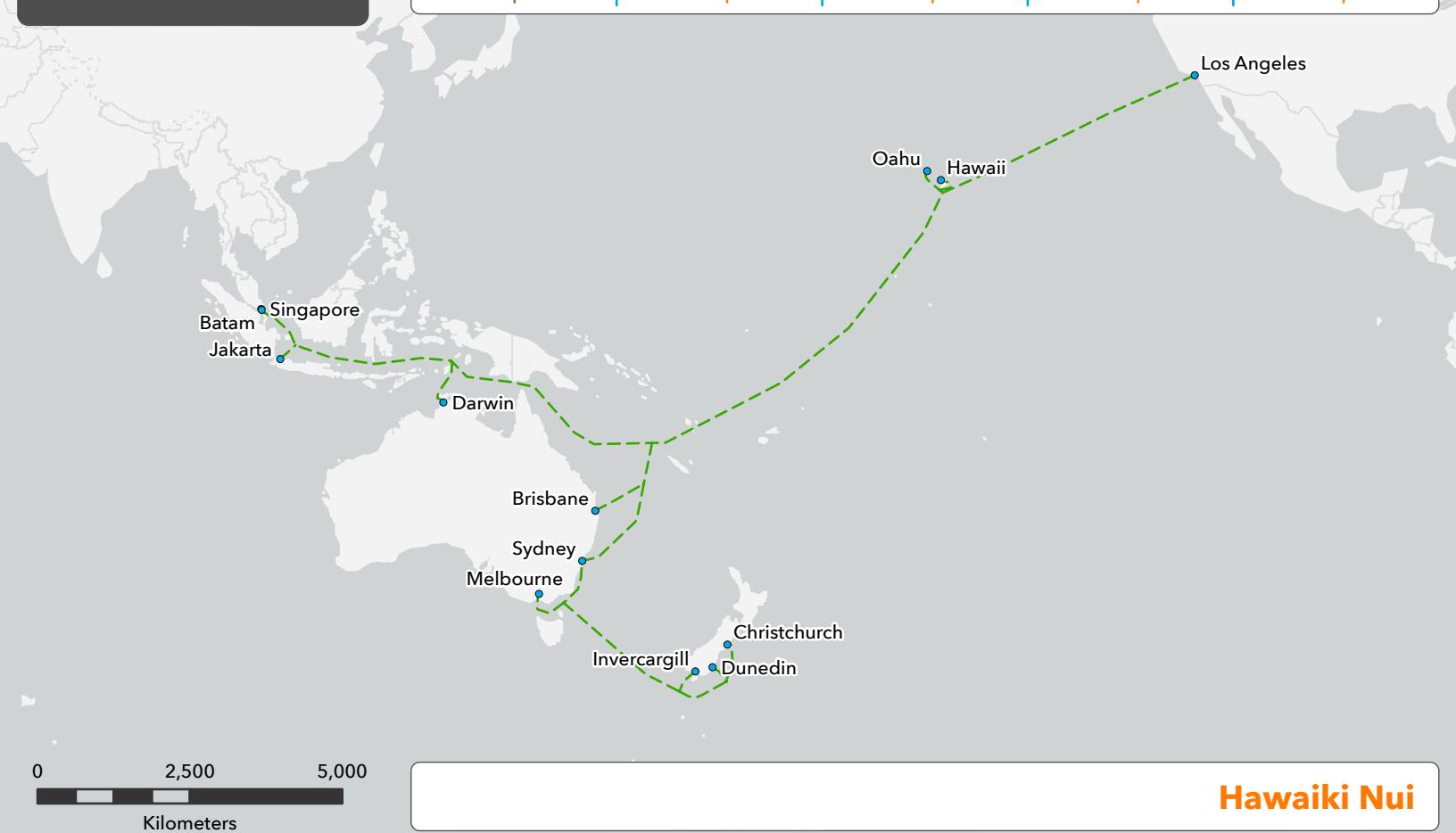
Engineering Complete

Survey Incomplete

Manufacturing Incomplete

Installation Incomplete

Commissioning Incomplete



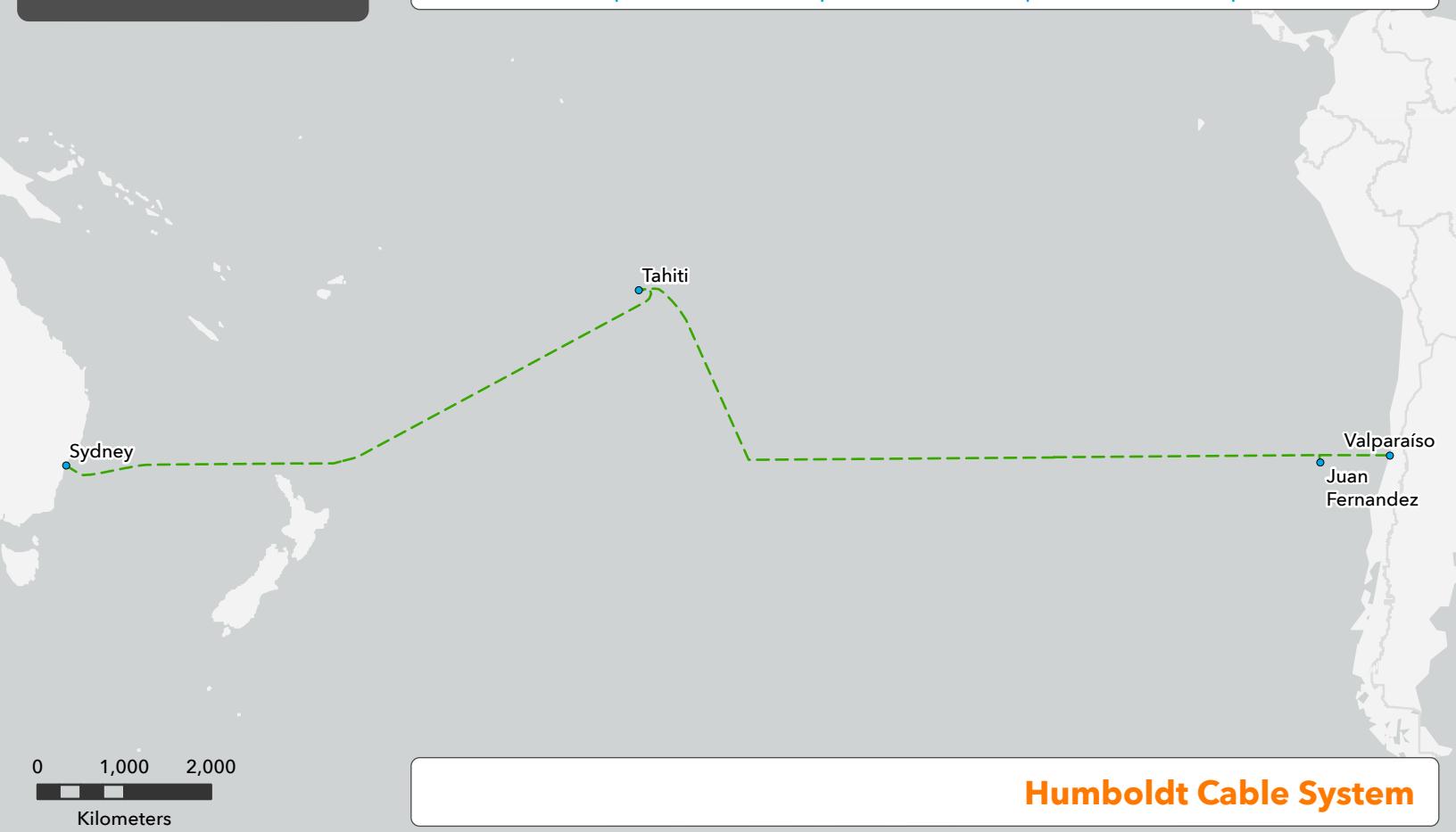
Hawaiki Nui

SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$55,000,000
Length (km)	26,000
Design Capacity (Tbps)	240
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Hawaiki Submarine Cable

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Brisbane	Queensland	Australia
Christchurch	South Island	New Zealand
Darwin	Northern Territory	Australia
Dunedin	Otago	New Zealand
	Hawaii	United States
Invercargill	Southland	New Zealand
Jakarta	Jakarta	Indonesia
Los Angeles	California	United States
Melbourne	Victoria	Australia
Oahu	Hawaii	United States
Singapore		Singapore
Sydney	New South Wales	Australia



SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	\$60,000,000
Length (km)	13,180
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Desarrollo País

LANDING POINTS

City	State/Province	Country
Juan Fernández	Valparaíso	Chile
Sydney	New South Wales	Australia
Tahiti		French Polynesia
Valparaíso	Valparaíso	Chile

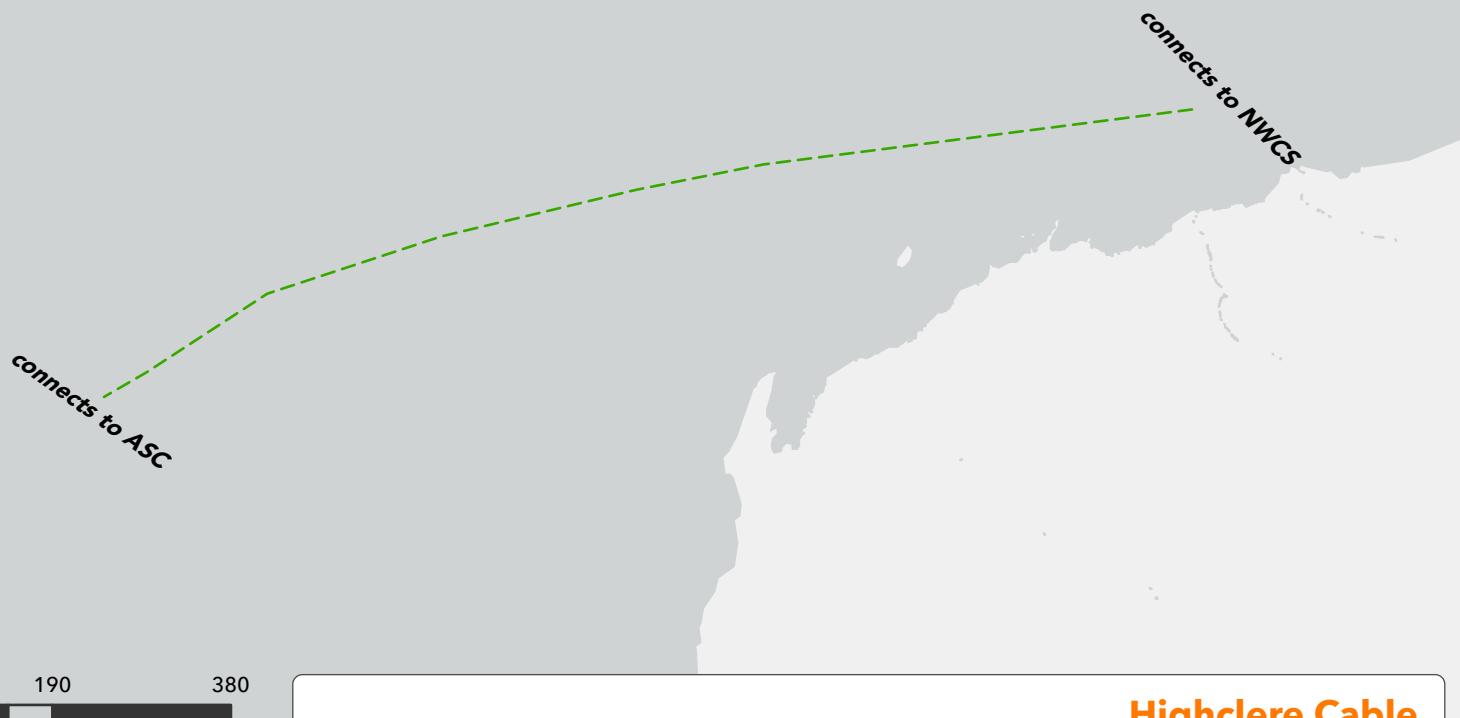


SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	Not Available
Length (km)	675
Design Capacity (Tbps)	432
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Ocean Networks, Inc.

LANDING POINTS

City	State/Province	Country
Hilo	Hawaii	United States
Honolulu	Hawaii	United States
Kahului	Hawaii	United States
Kaunakakai	Hawaii	United States
Lihue	Hawaii	United States
Manele Harbor	Hawaii	United States

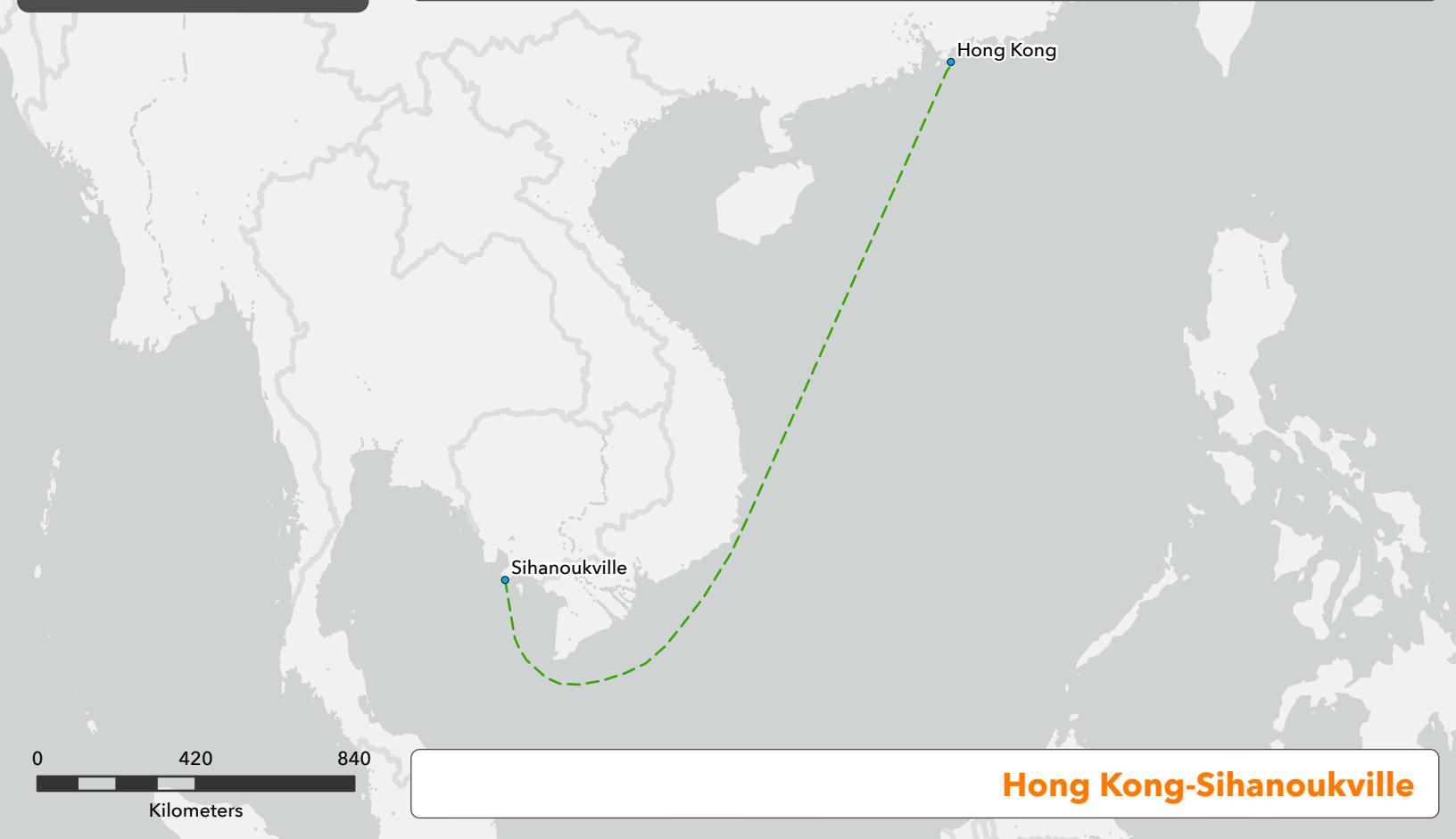


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$25,625,000
Length (km)	1,025
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN

LANDING POINTS

System Installer	ASN, Optic Marine Services
Owner(s)	Vocus Communications



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	Not Available
Length (km)	Not Available
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Hong Kong	Hong Kong	China
Sihanoukville	Preah Sihanouk	Cambodia

Honomoana

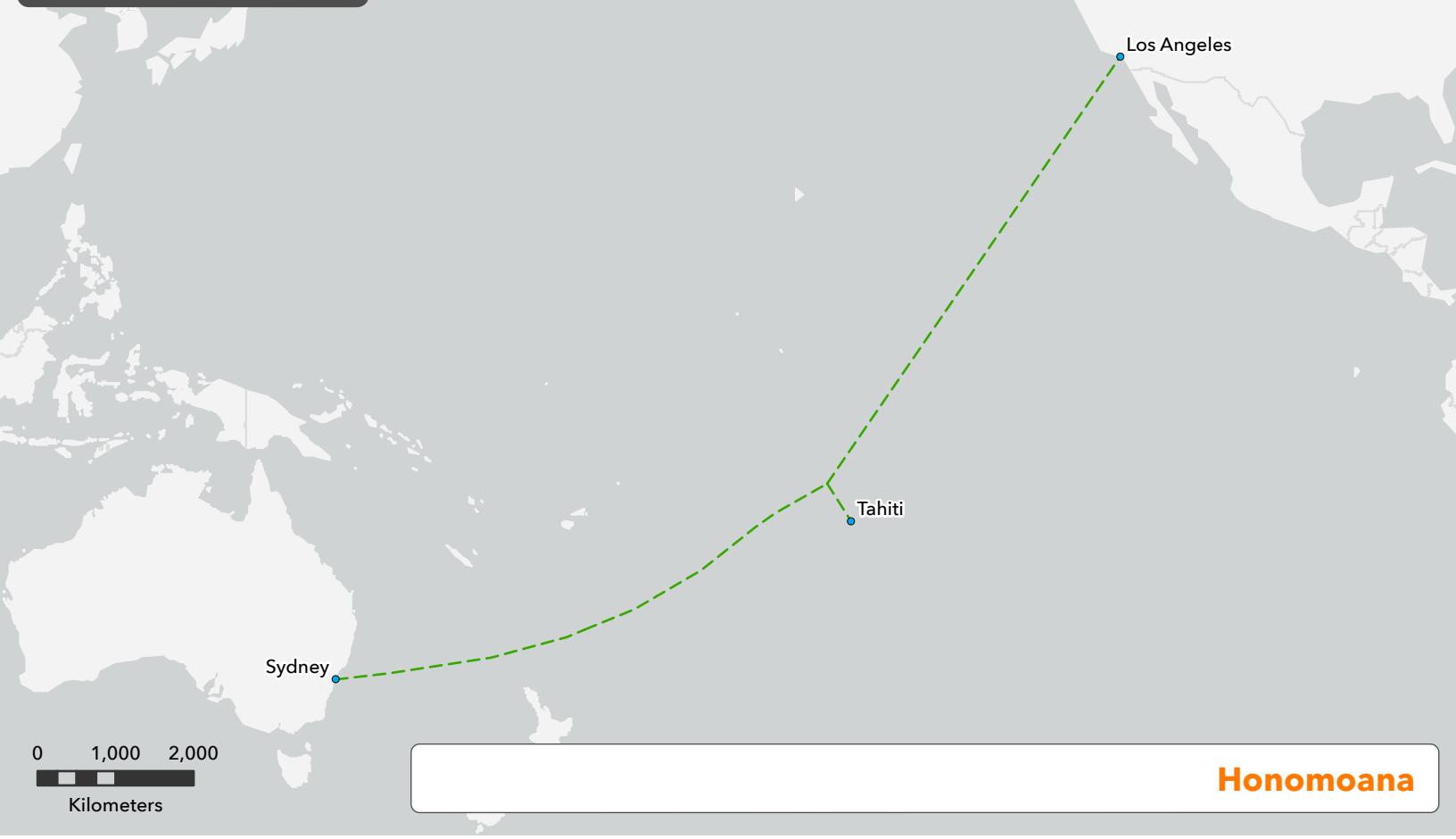
Engineering Complete

Survey Incomplete

Manufacturing Incomplete

Installation Incomplete

Commissioning Incomplete



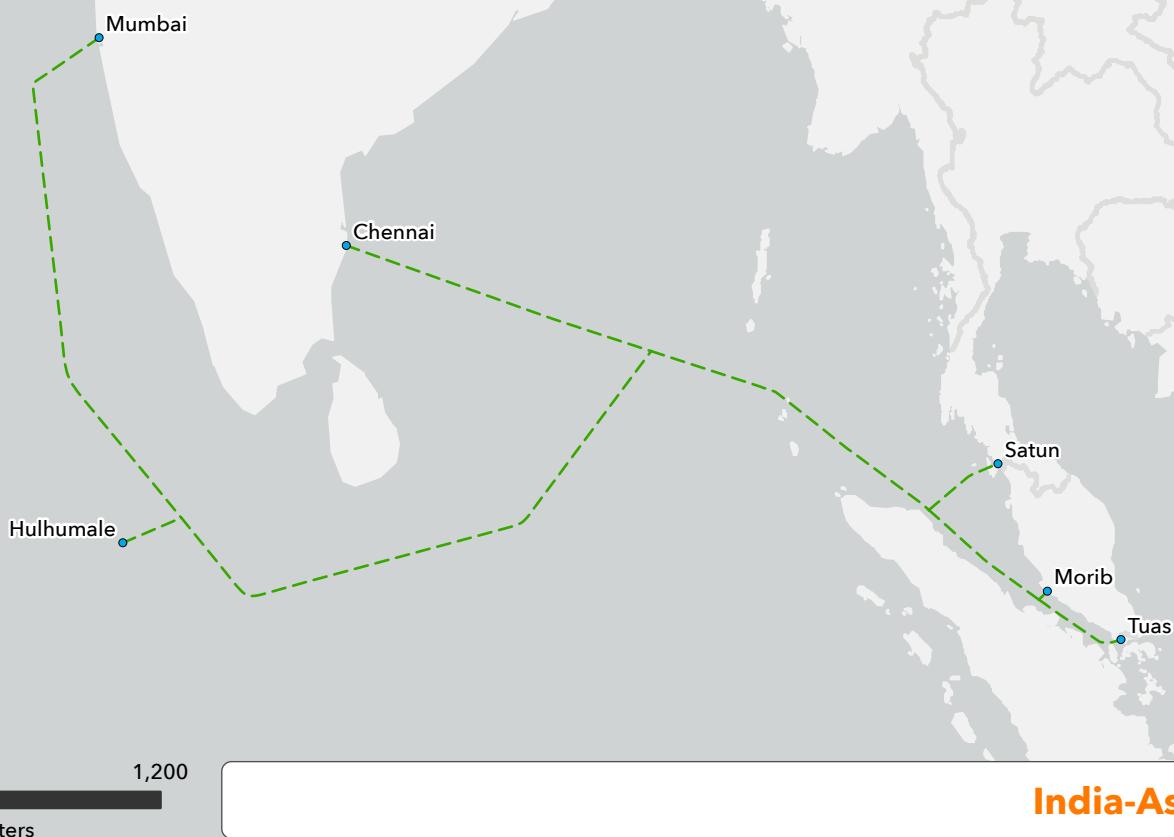
Honomoana

SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	\$51,000,000
Length (km)	6,800
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Los Angeles	California	United States
Sydney	New South Wales	Australia
Tahiti		French Polynesia

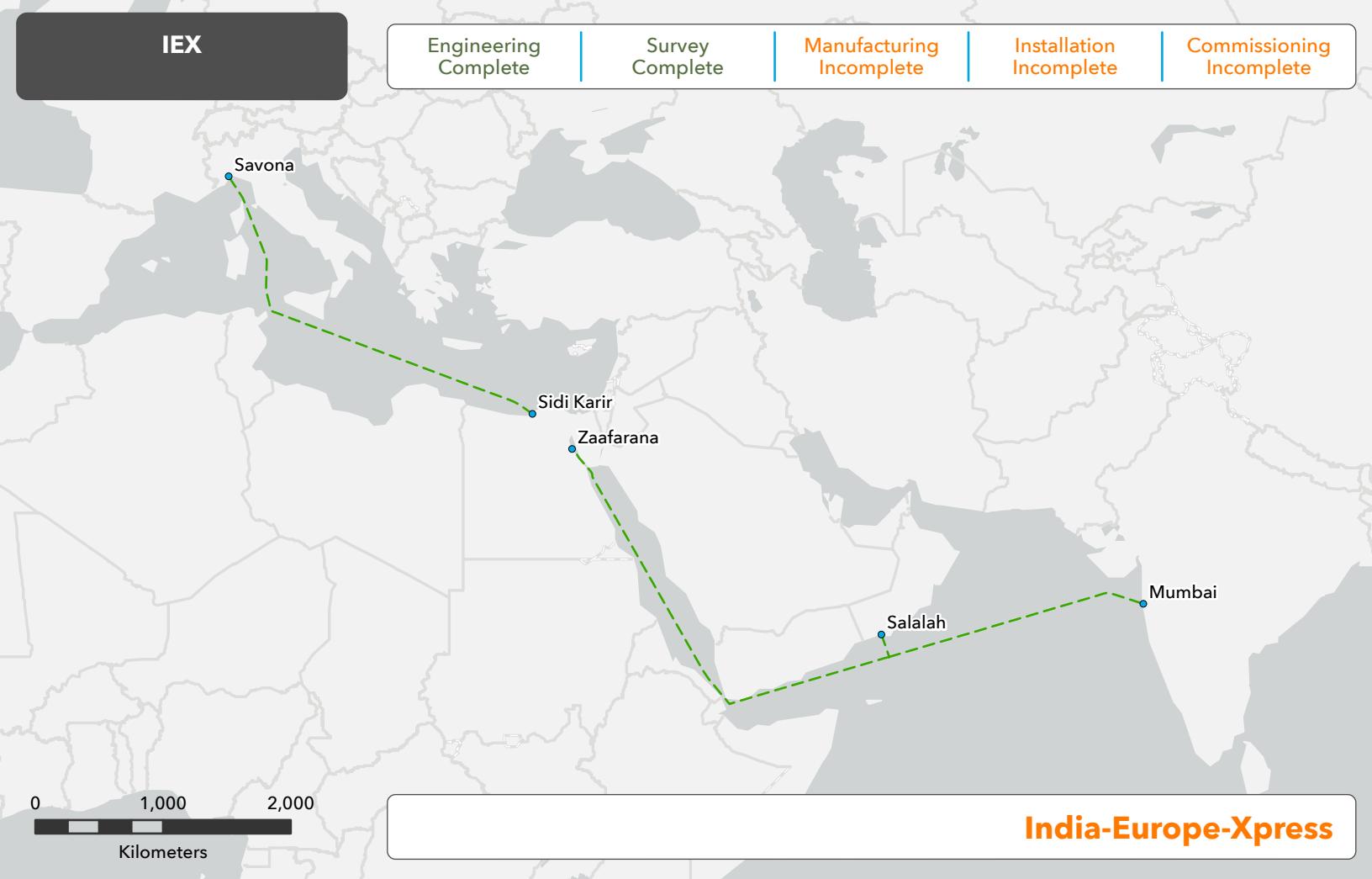


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	Not Available
Length (km)	Not Available
Design Capacity (Tbps)	200
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Reliance Jio Infocomm Limited

LANDING POINTS

City	State/Province	Country
Chennai	Tamil Nadu	India
Hulhumale	North Malé Atoll	Maldives
Morib	Selangor	Malaysia
Mumbai	Maharashtra	India
Satun	Satun	Thailand
Tuas	West Region	Singapore

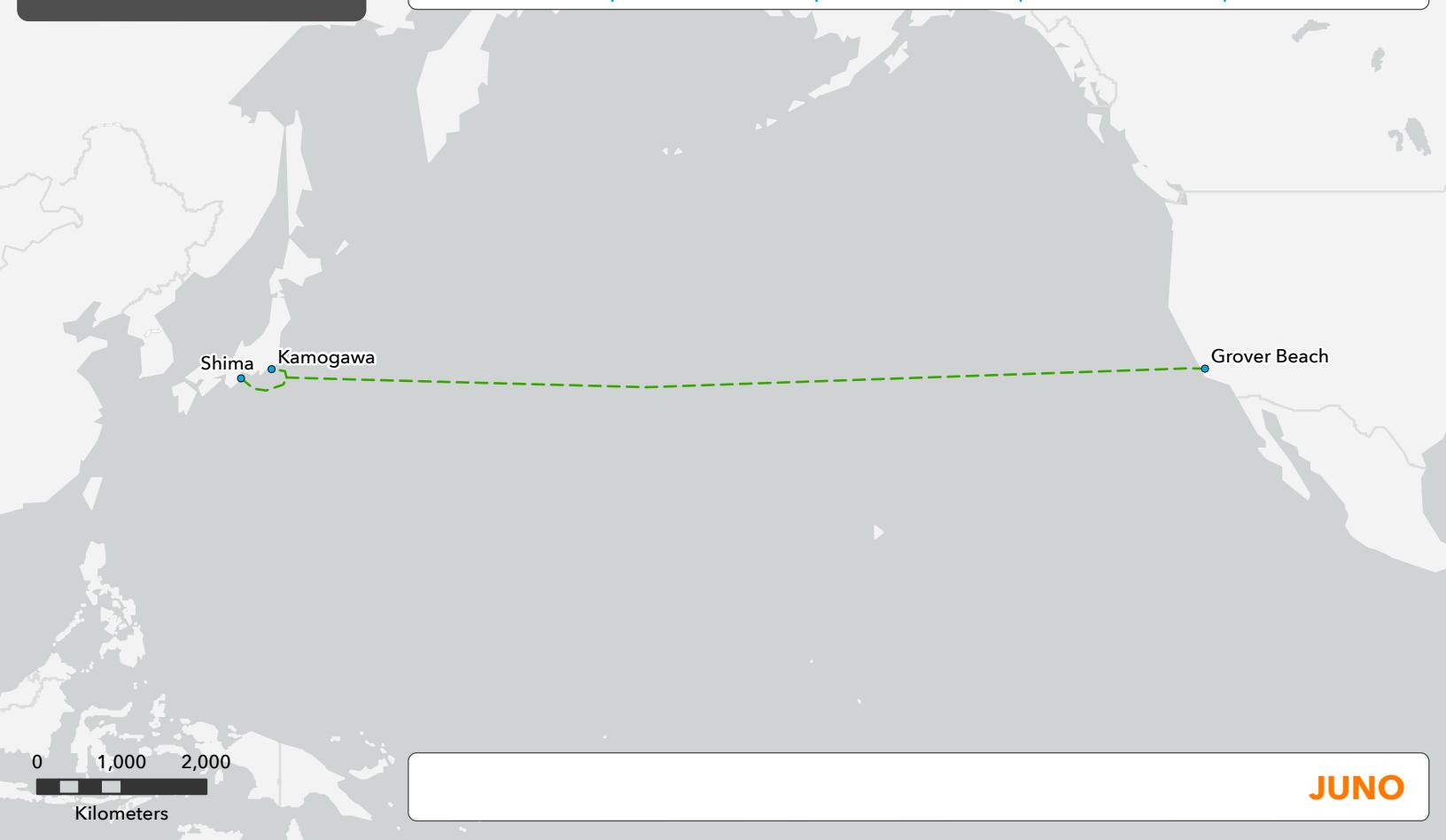


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	Not Available
Length (km)	Not Available
Design Capacity (Tbps)	200
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Reliance Jio Infocomm Limited

LANDING POINTS

City	State/Province	Country
Mumbai	Maharashtra	India
Salalah	Dhofar	Oman
Savona	Liguria	Italy
Sidi Karir	Alexandria Governorate	Egypt
Zaafarana	Red Sea Governorate	Egypt

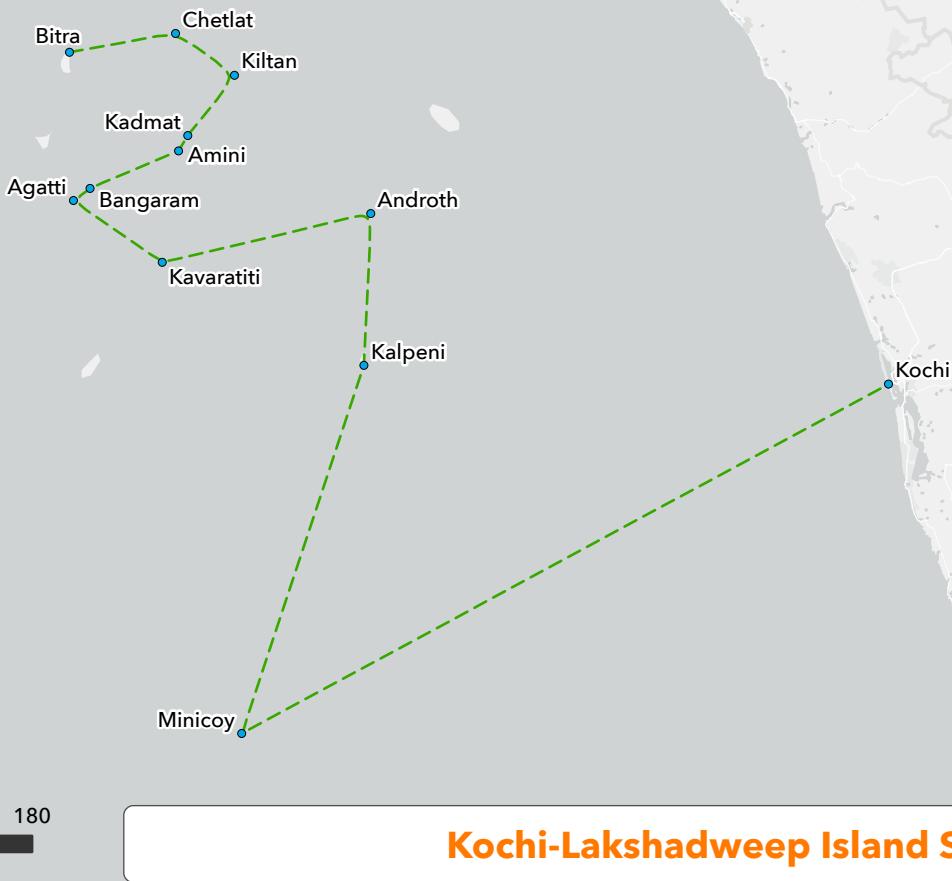


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$25,000,000
Length (km)	10,000
Design Capacity (Tbps)	350
Fiber Pairs	20
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC
System Installer	Not Available
Owner(s)	JA Mitsui Leasing, Ltd., Mitsui & Co, NTT, PC Landing Corp., Seren Juno Network Co., Ltd.

LANDING POINTS

City	State/Province	Country
Grover Beach	California	United States
Kamogawa	Chiba	Japan
Shima	Mie	Japan

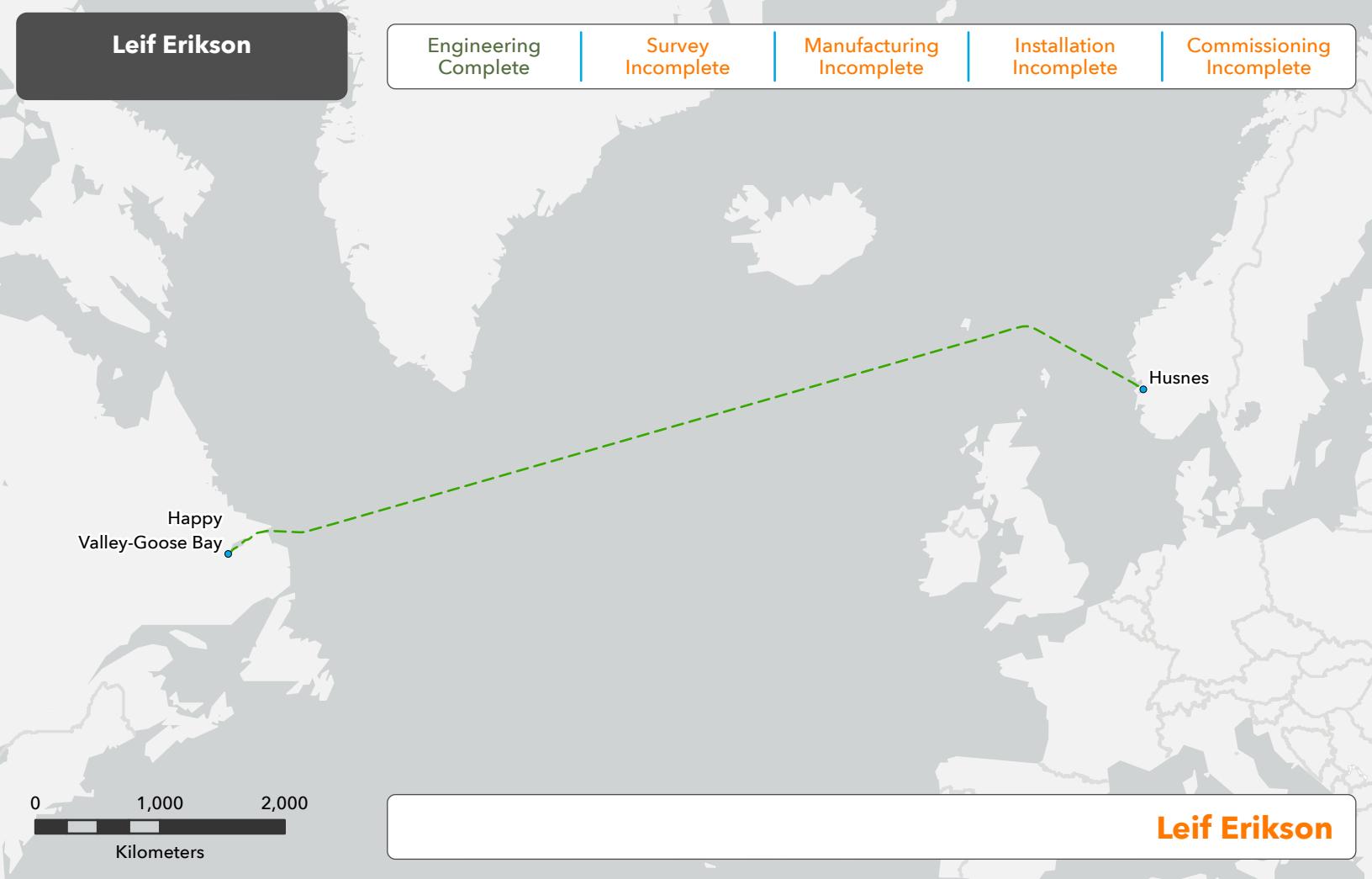


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$47,500,000
Length (km)	1,900
Design Capacity (Tbps)	0.2
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	1
System Supplier	Not Available
System Installer	NEC
Owner(s)	BSNL

LANDING POINTS

City	State/Province	Country
Agatti	Lakshadweep	India
Amini	Lakshadweep	India
Androth	Lakshadweep	India
Bangaram	Lakshadweep	India
Bitra	Lakshadweep	India
Chetlat	Lakshadweep	India
Kadmat	Lakshadweep	India
Kalpeni	Lakshadweep	India
Kavaratiti	Lakshadweep	India
Kiltan	Lakshadweep	India
Kochi	Kerala	India
Minicoy	Lakshadweep	India

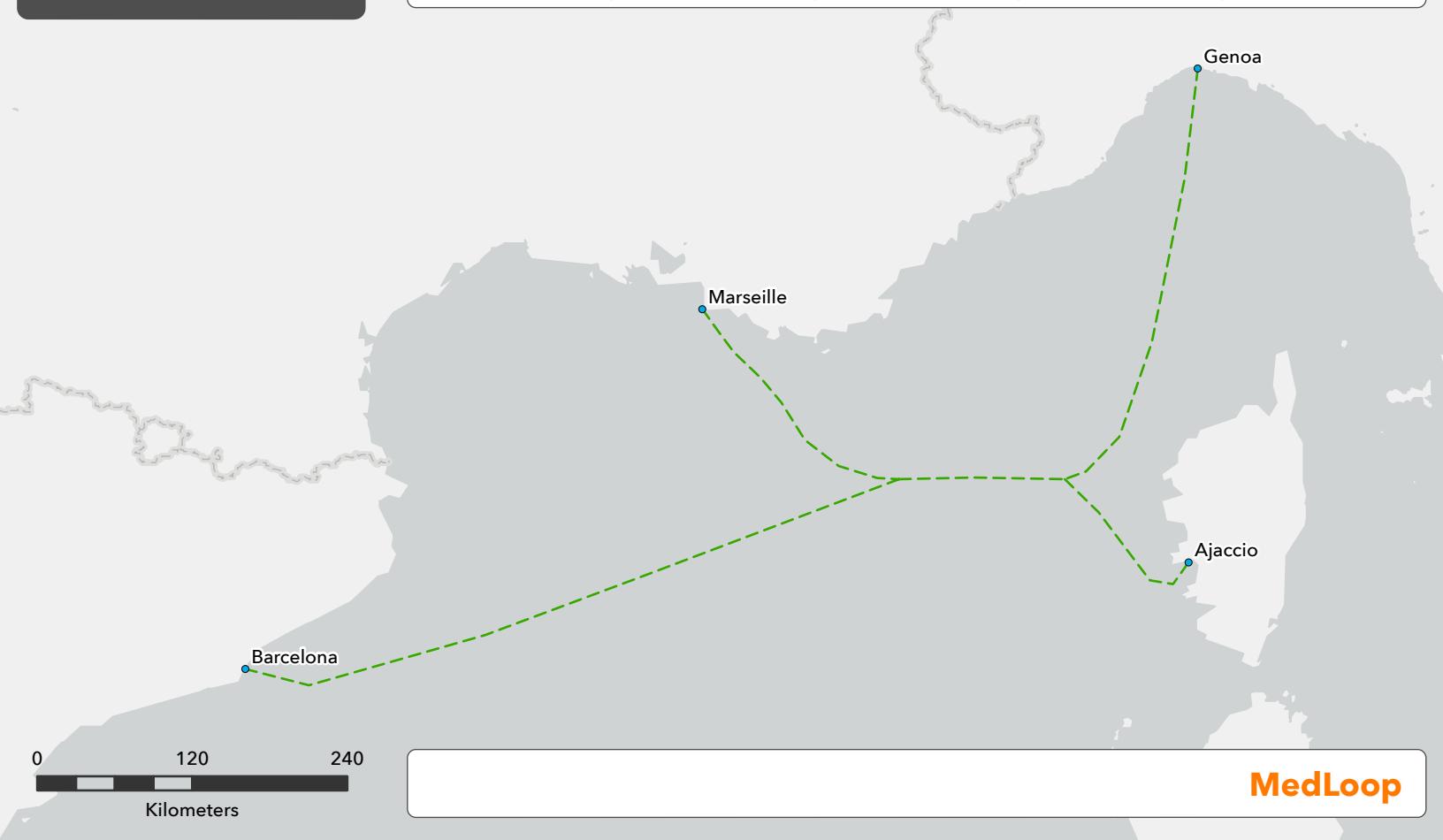


SYSTEM DETAILS

RFS Year	2027
EOS Year	2052
Est. System Cost (USD)	\$10,250,000
Length (km)	4,100
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Bulk Infrastructure AS

LANDING POINTS

City	State/Province	Country
Happy Valley-Goose Bay	Newfoundland and Labrador	Canada
Husnes	Vestland	Norway

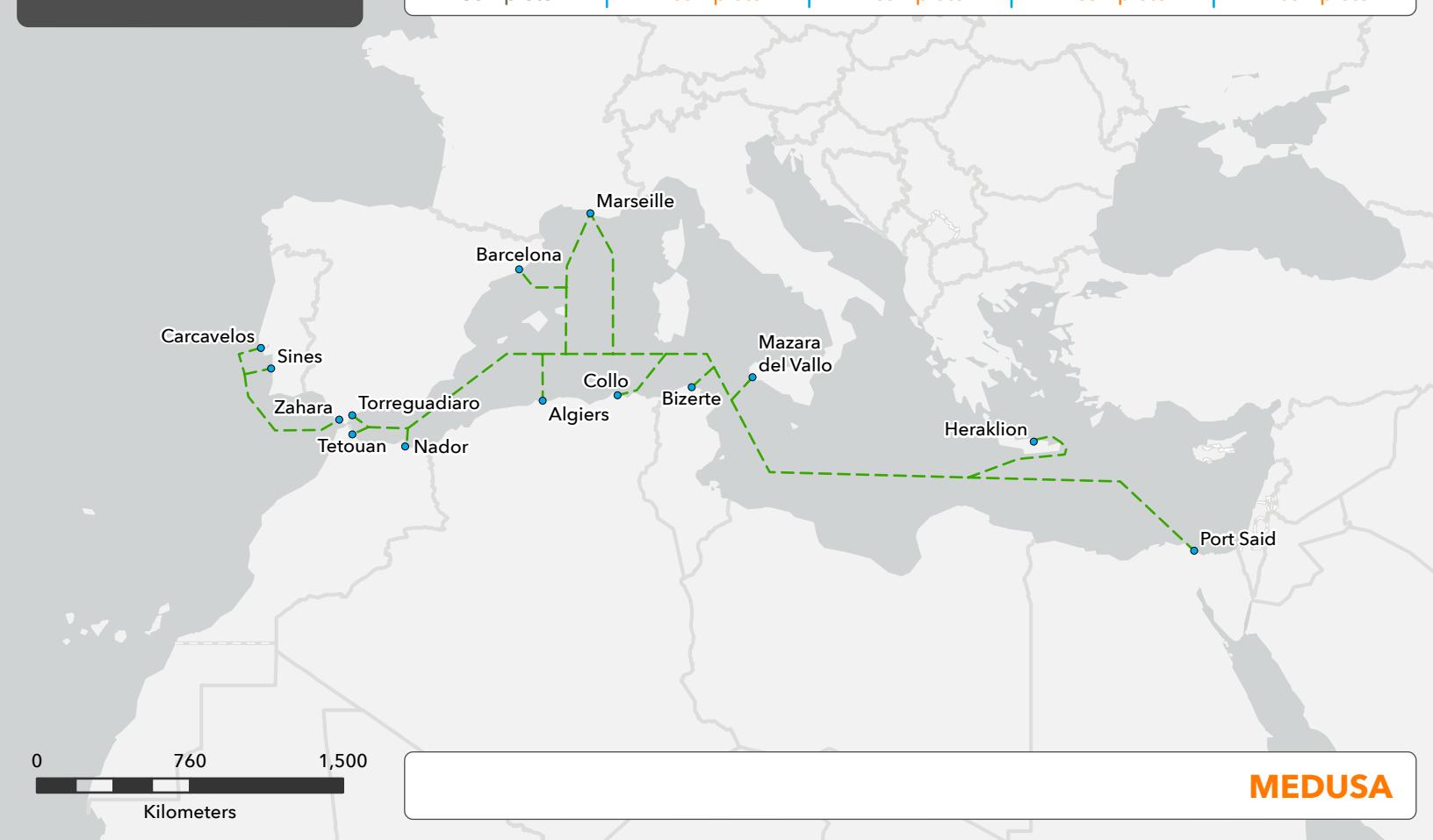


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$34,000,000
Length (km)	1,360
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASN
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Ajaccio	Corsica	France
Barcelona	Catalonia	Spain
Genoa	Liguria	Italy
Marseille	Provence-Alpes-Côte d'Azur	France

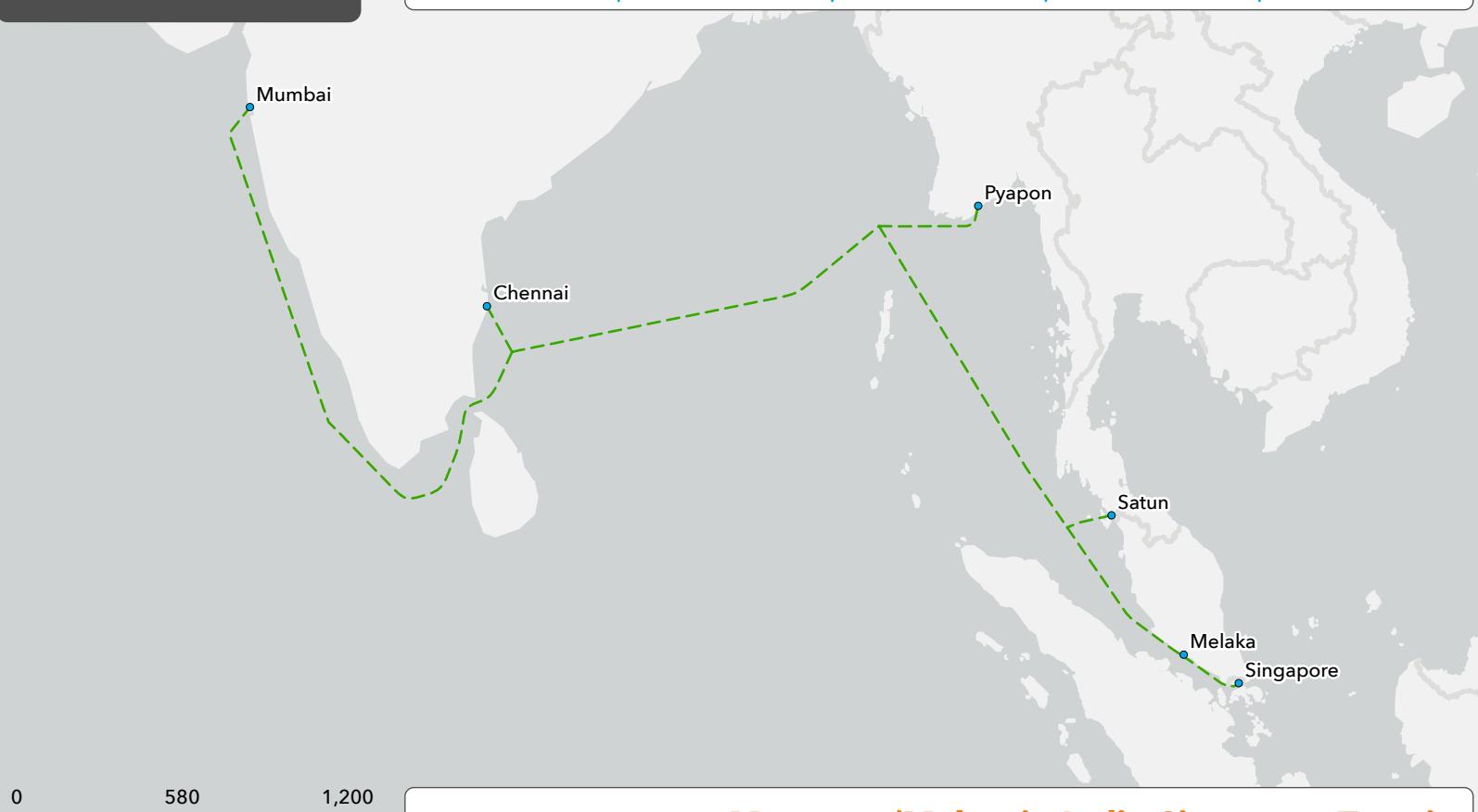


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$36,200,000
Length (km)	8,760
Design Capacity (Tbps)	480
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, Elettra
System Installer	ASN
Owner(s)	AFR-IX telecom

LANDING POINTS

City	State/Province	Country
Algiers	Algiers Province	Algeria
Barcelona	Catalonia	Spain
Bizerte	Bizerte	Tunisia
Carcavelos	Cascais	Portugal
Collo		Algeria
Heraklion	Crete	Greece
Marseille	Provence-Alpes-Côte d'Azur	France
Mazara del Vallo	Sicily	Italy
Nador		Morocco
Port Said	Port Said Governorate	Egypt
Sines	Setúbal	Portugal
Tetouan	Tanger-Tetouan-Al Hoceima	Morocco
Torreguadiaro	Cadiz	Spain
Zahara		Spain



0 580 1,200 Kilometers

Myanmar/Malaysia-India-Singapore Transit

SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$40,000,000
Length (km)	8,100
Design Capacity (Tbps)	240
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	NEC, Orient Link Pte. Ltd. (OLL)

LANDING POINTS

City	State/Province	Country
Chennai	Tamil Nadu	India
Melaka	Malacca	Malaysia
Mumbai	Maharashtra	India
Pyapon	Pyapon	Myanmar
Satun	Satun	Thailand
Singapore		Singapore

System Installer Not Available

Owner(s) NTT



NOR5KE VIKING

SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$18,750,000
Length (km)	810
Design Capacity (Tbps)	Not Available
Fiber Pairs	192
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW
System Installer	Baltic Offshore
Owner(s)	N0r5ke Fiber

LANDING POINTS

City	State/Province	Country
Ålesund		Norway
Åndalsnes		Norway
Bergen	Western Norway	Norway
Brekstad		Norway
Florø		Norway
Hitra		Norway
Kjørsviksbugen		Norway
Kristiansund		Norway
Måløy		Norway
Molde		Norway
Nesje		Norway
Sture		Norway
Trondheim	Trøndelag	Norway



0 180 350 Kilometers

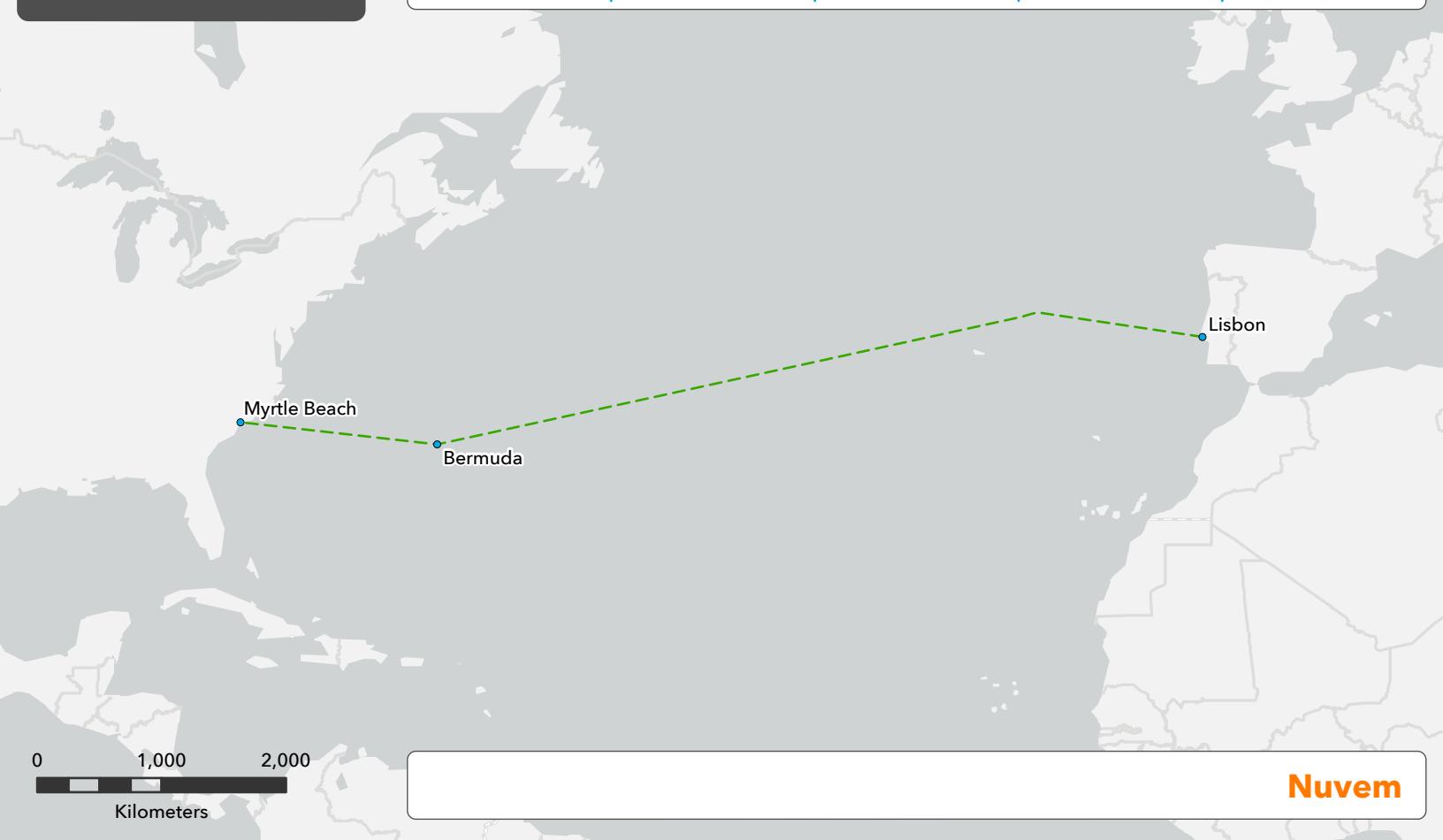
Natitua Sud

SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$20,500,000
Length (km)	820
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, Optic Marine Services
Owner(s)	OPT French Polynesia

LANDING POINTS

City	State/Province	Country
Rurutu		French Polynesia
Tahiti		French Polynesia
Tubuai		French Polynesia

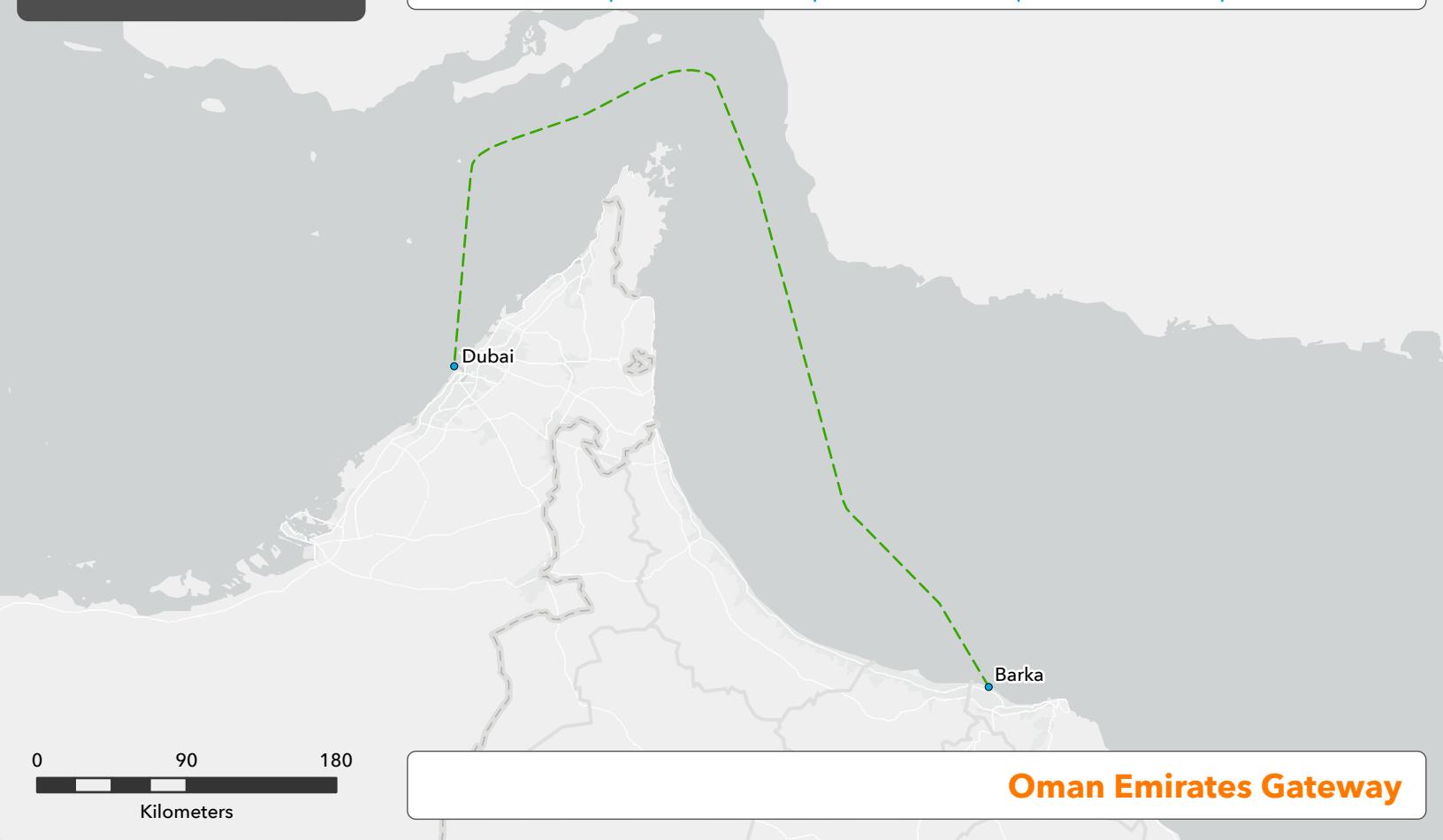


SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	Not Available
Length (km)	4,000
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

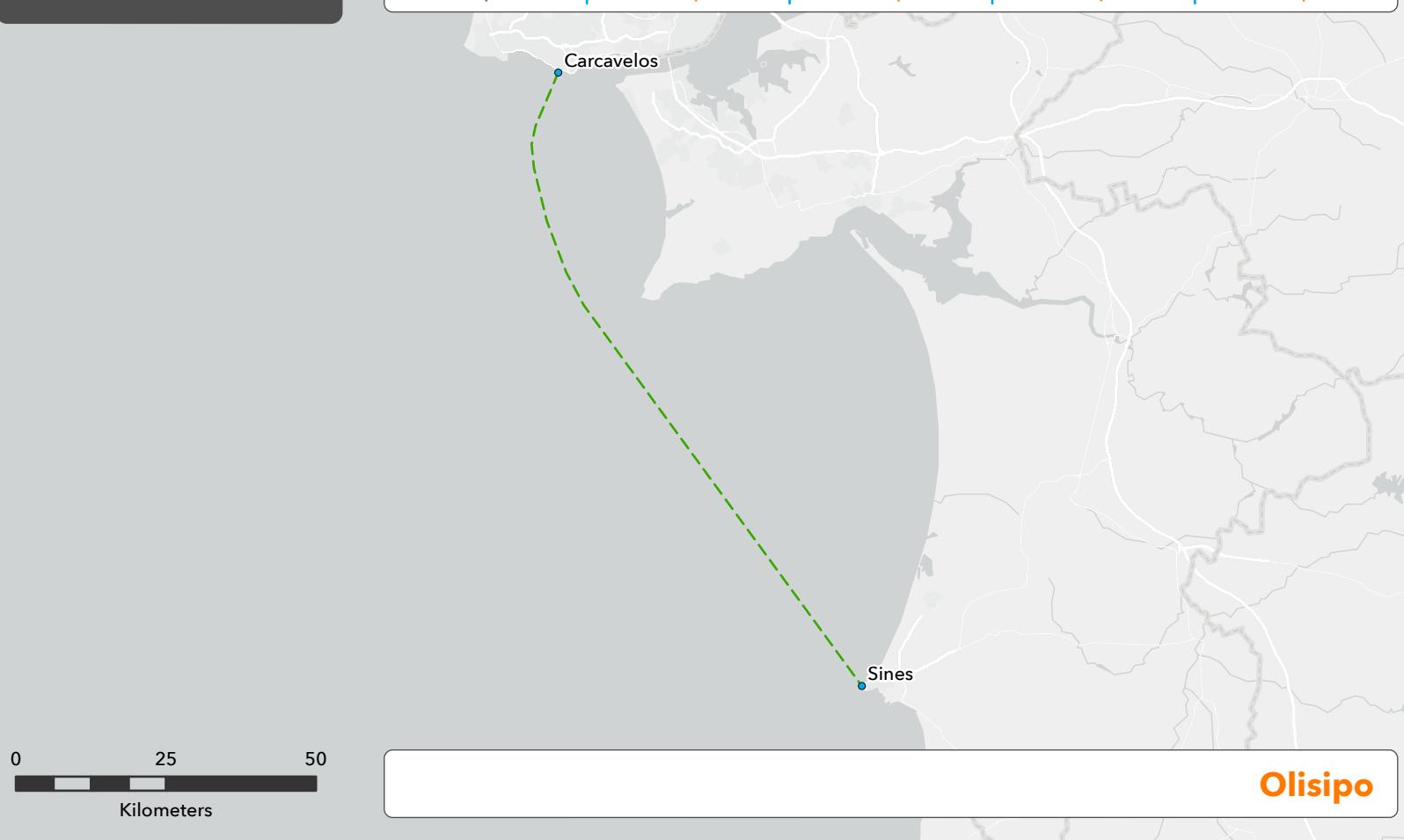
City	State/Province	Country
Bermuda		Bermuda
Lisbon	Lisbon	Portugal
Myrtle Beach	South Carolina	United States

**SYSTEM DETAILS**

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	Not Available
Length (km)	275
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Du, Omantel

LANDING POINTS

City	State/Province	Country
Barka	Al Bāṭinah	Oman
Dubai	Dubai	United Arab Emirates

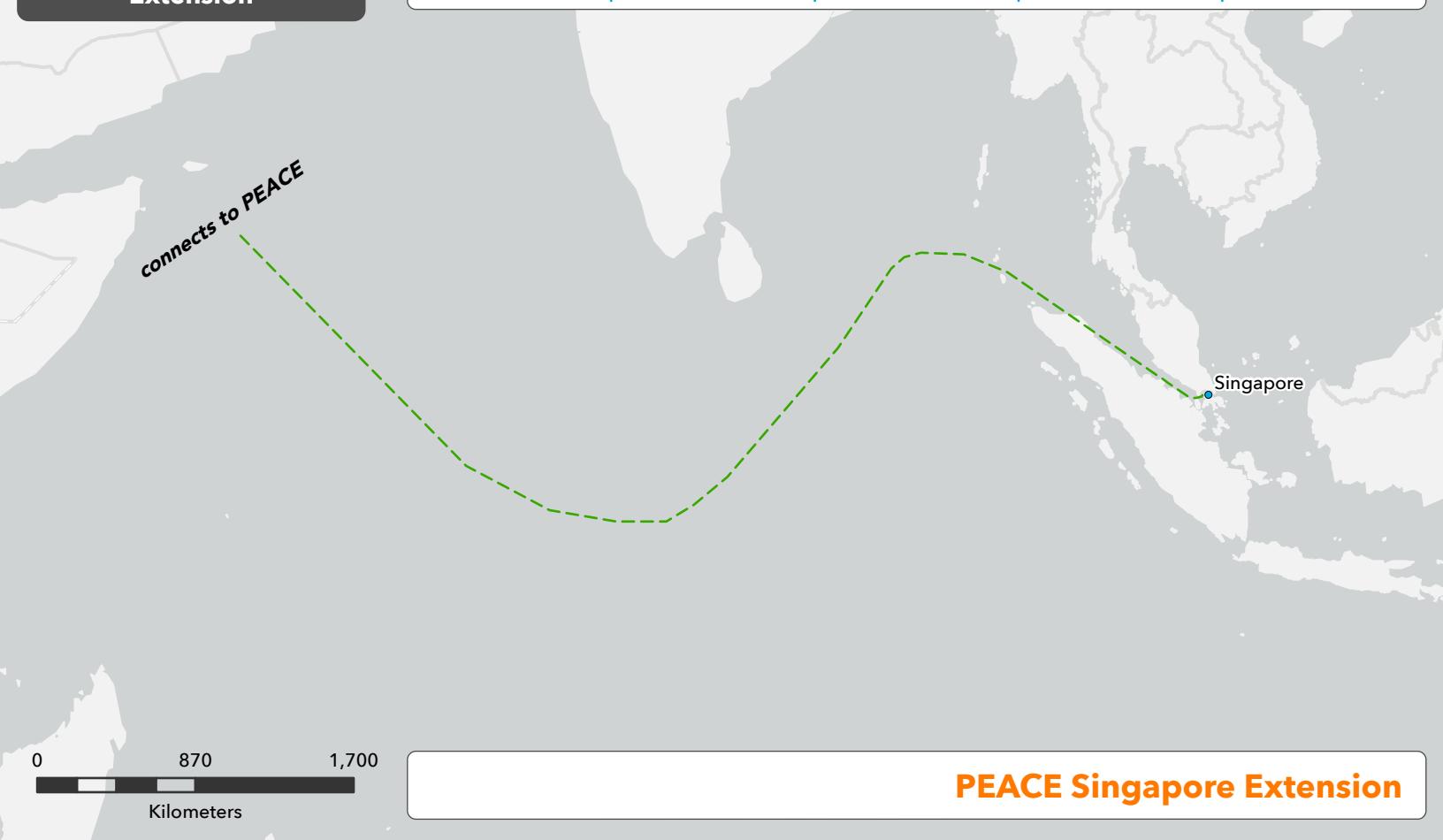


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$2,750,000
Length (km)	110
Design Capacity (Tbps)	6144
Fiber Pairs	96
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	800
System Supplier	Not Available
System Installer	Not Available
Owner(s)	EllaLink

LANDING POINTS

City	State/Province	Country
Carcavelos	Cascais	Portugal
Sines	Setúbal	Portugal

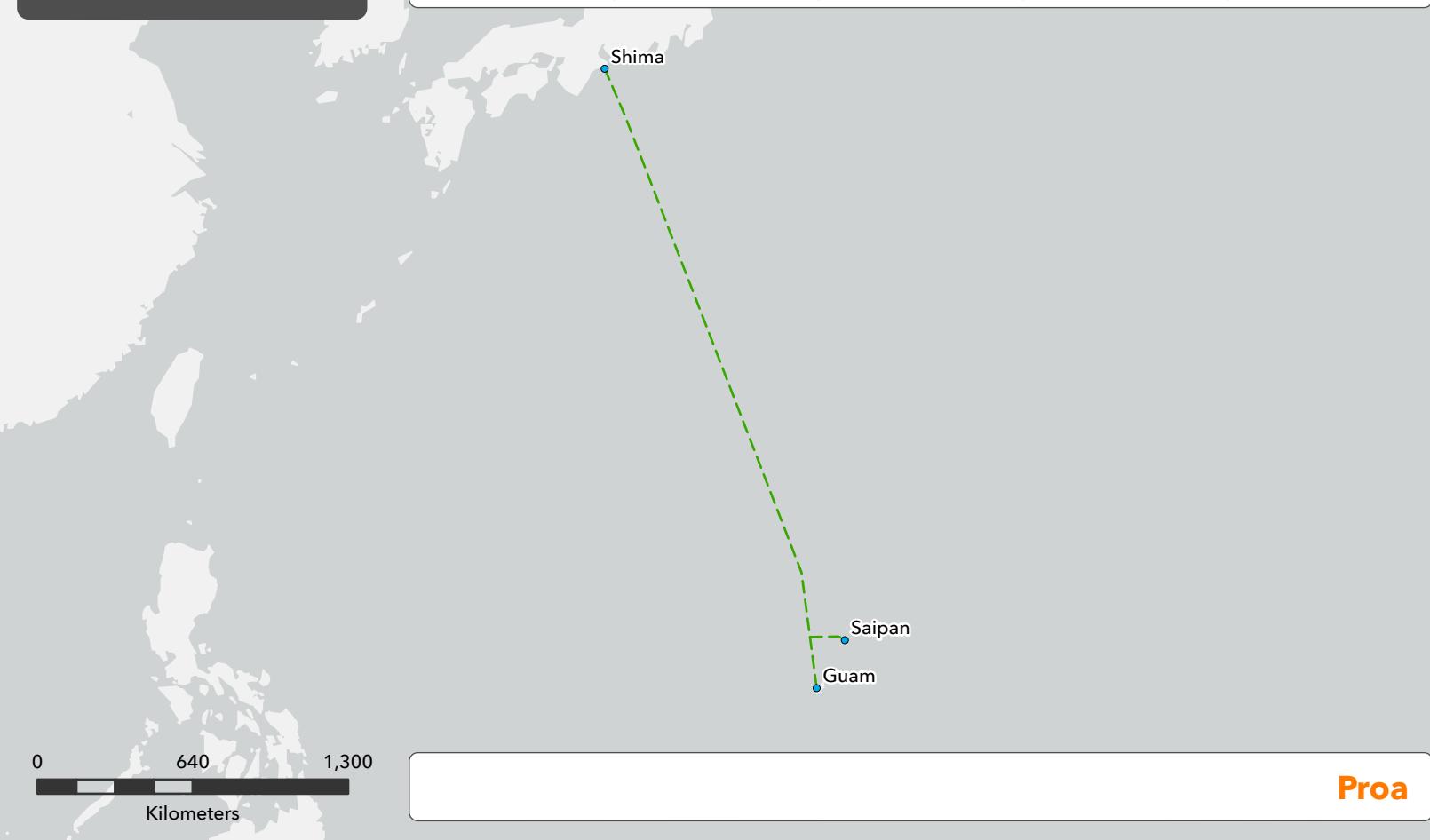


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$18,500,000
Length (km)	7,400
Design Capacity (Tbps)	Not Available
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	200
System Supplier	Not Available
System Installer	Not Available
Owner(s)	PEACE Cable International Network

LANDING POINTS

City	State/Province	Country
Singapore		Singapore

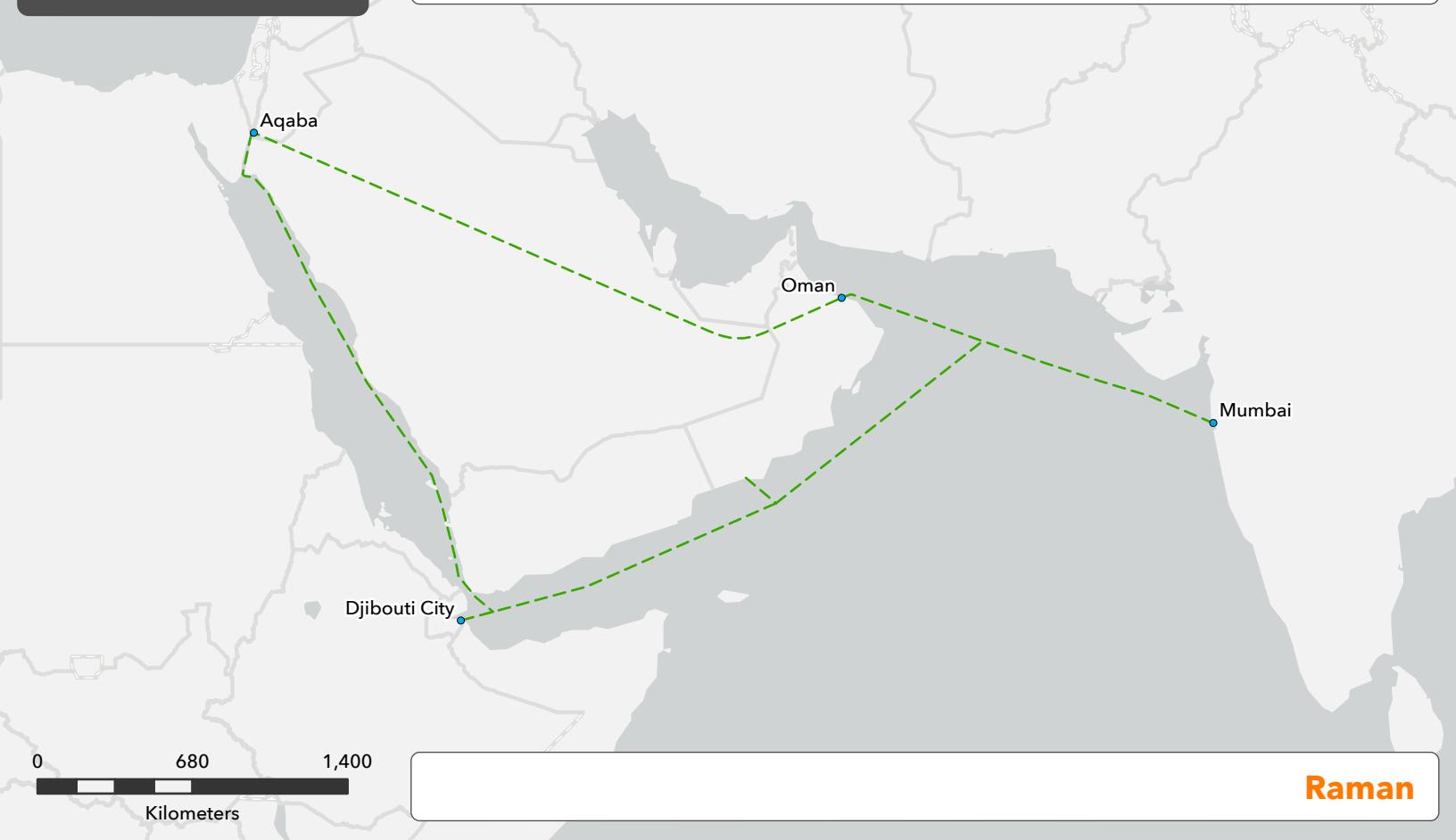


SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	\$21,000,000
Length (km)	2,800
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
	Guam	United States
Shima	Saipan	Northern Mariana Islands
	Mie	Japan

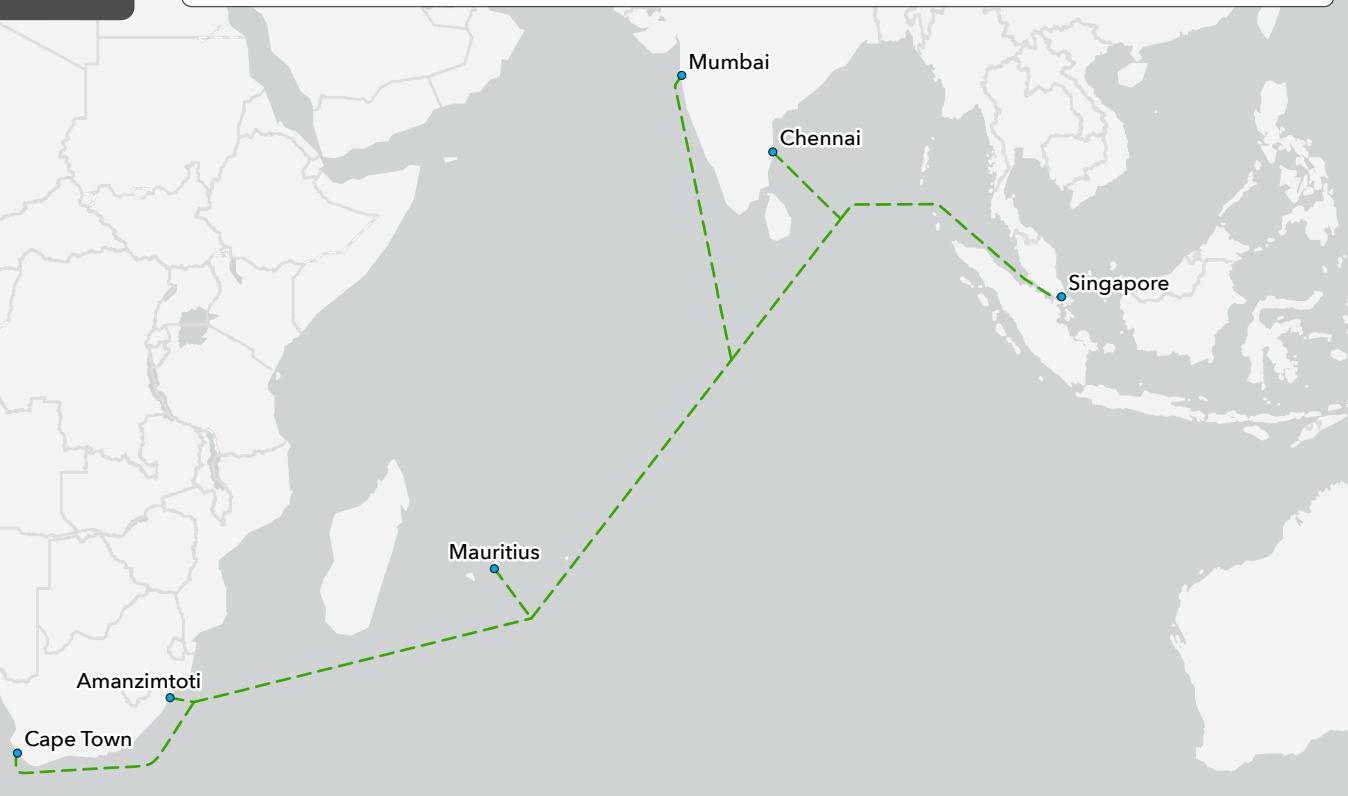


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$40,000,000
Length (km)	Not Available
Design Capacity (Tbps)	Not Available
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google, Oman Telecommunications Company, Telecom Italia Sparkle

LANDING POINTS

City	State/Province	Country
Aqaba	Aqaba	Jordan
Djibouti City	Djibouti	Djibouti
Mumbai	Maharashtra	India



0 1,000 2,000
Kilometers

South Asia Express East

SYSTEM DETAILS

RFS Year	2027
EOS Year	2052
Est. System Cost (USD)	\$45,000,000
Length (km)	11,749
Design Capacity (Tbps)	108
Fiber Pairs	9
Wavelengths per Fiber Pair	60
Capacity per Wavelength (Gbps)	100
System Supplier	Not Available
System Installer	Not Available
Owner(s)	SAEx International Limited

LANDING POINTS

City	State/Province	Country
Amanzimtoti	KwaZulu-Natal	South Africa
Cape Town	Western Cape	South Africa
Chennai	Tamil Nadu	India
Mumbai	Maharashtra	India
Singapore		Singapore

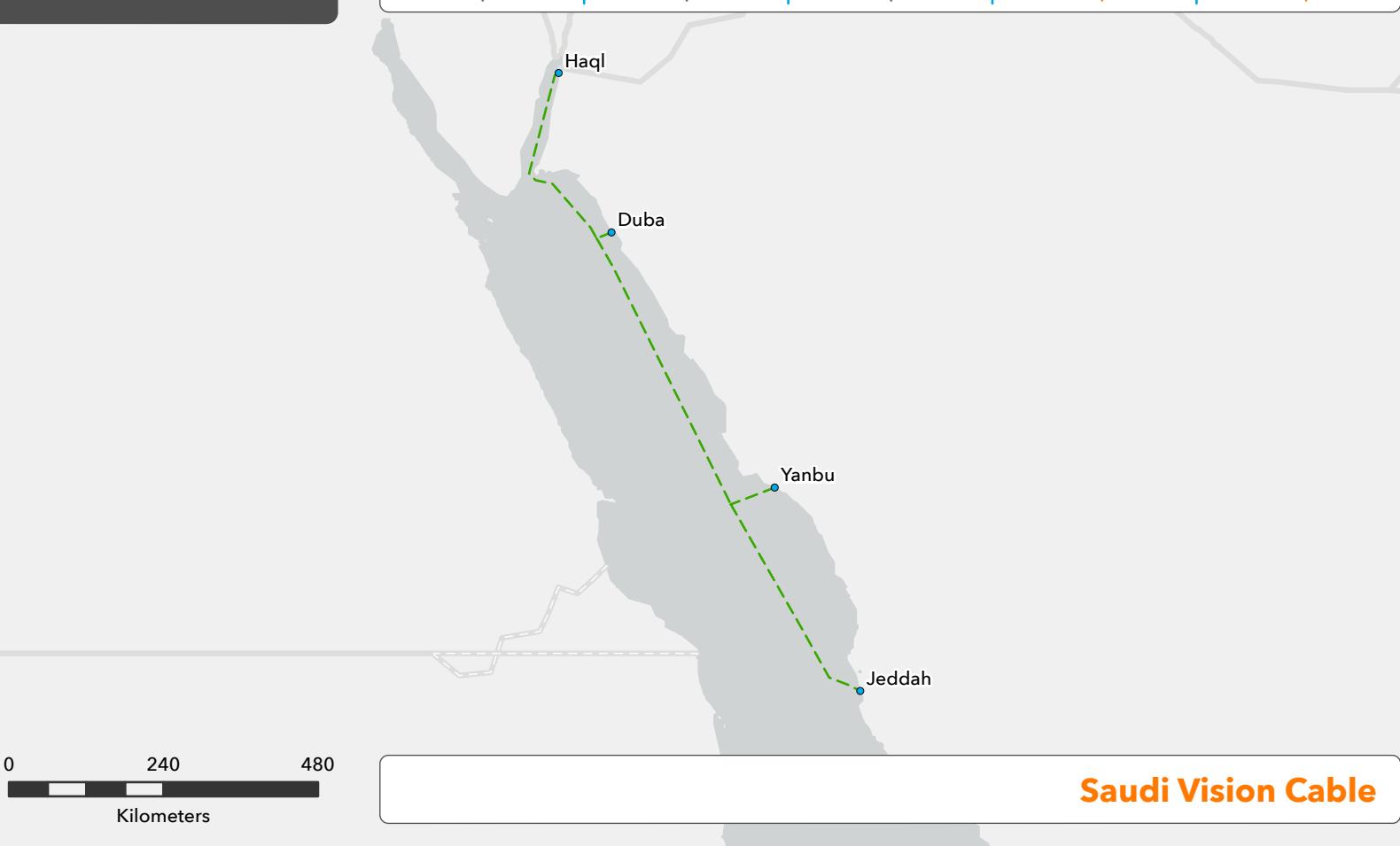


SYSTEM DETAILS

RFS Year	2027
EOS Year	2052
Est. System Cost (USD)	\$45,000,000
Length (km)	14,720
Design Capacity (Tbps)	108
Fiber Pairs	6
Wavelengths per Fiber Pair	60
Capacity per Wavelength (Gbps)	100
System Supplier	Not Available
System Installer	Not Available
Owner(s)	SAEx International Limited

LANDING POINTS

City	State/Province	Country
Cape Town	Western Cape	South Africa
Fortaleza	Ceará	Brazil
South West Bay	Ascension Island	United Kingdom
Virginia Beach	Virginia	United States



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$29,000,000
Length (km)	1,160
Design Capacity (Tbps)	288
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	STC

LANDING POINTS

City	State/Province	Country
Duba	Tabuk	Saudi Arabia
Haql	Tabuk	Saudi Arabia
Jeddah	Mecca	Saudi Arabia
Yanbu	Al Madinah Province	Saudi Arabia

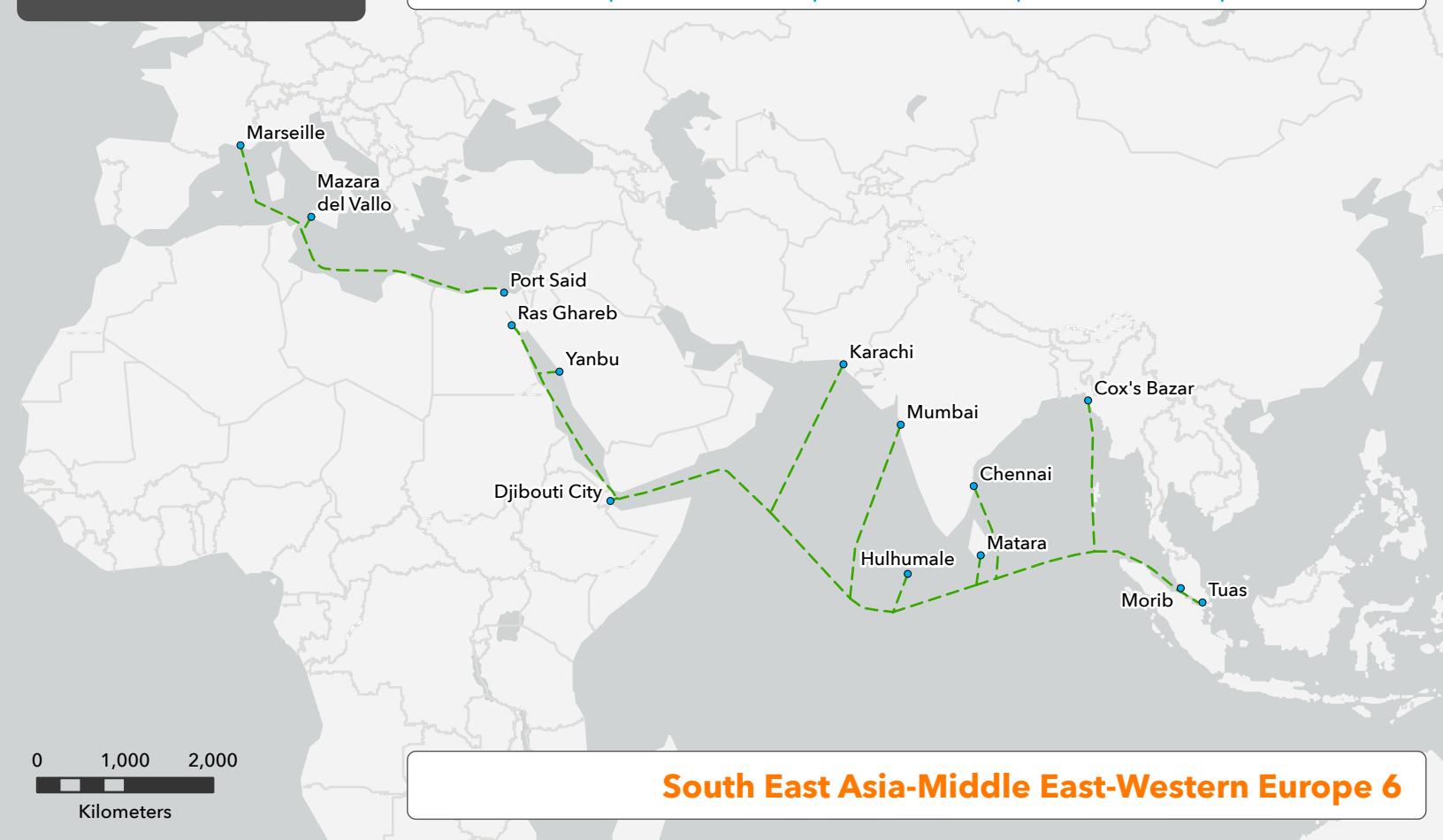


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$12,500,000
Length (km)	5,000
Design Capacity (Tbps)	160
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	China Mobile International Ltd., China Unicom, Irix

LANDING POINTS

City	State/Province	Country
Kuching	Sarawak	Malaysia
La Union	La Union	Philippines
Lingshui	Hainan	China
Songkhla	Songkhla	Thailand
Tseung Kwan O	Hong Kong	China
Tuas	West Region	Singapore

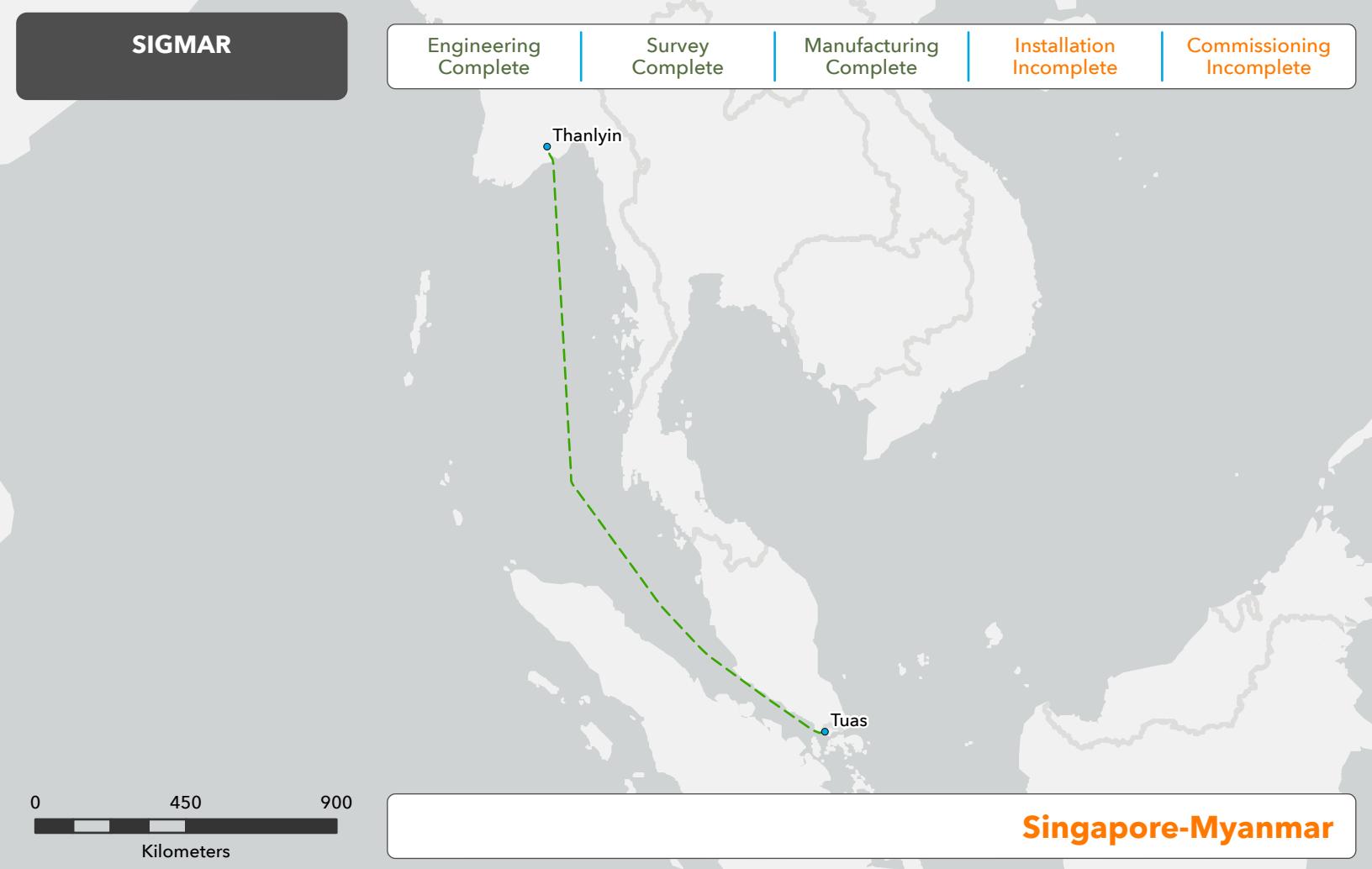


SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$50,000,000
Length (km)	19,200
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Bharti Airtel Limited, BSCC, Dhiraagu, Djibouti Telecom, Etihad Etisalat Company ("Mobily"), Orange, Sea-ME-WE-6 Consortium, Singtel, Sri Lanka Telecom Limited, Telecom Egypt, Telekom Malaysia Berhad, Telin, Trans-World Associates

LANDING POINTS

City	State/Province	Country
Chennai	Tamil Nadu	India
Cox's Bazar	Chittagong Division	Bangladesh
Djibouti City	Djibouti	Djibouti
Hulhumale	North Malé Atoll	Maldives
Karachi	Sindh	Pakistan
Marseille	Provence-Alpes-Côte d'Azur	France
Matara	Souther Province	Sri Lanka
Mazara del Vallo	Sicily	Italy
Morib	Selangor	Malaysia
Mumbai	Maharashtra	India
Port Said	Port Said Governorate	Egypt
Ras Ghareb	Red Sea Governorate	Egypt
Tuas	West Region	Singapore
Yanbu	Al Madinah Province	Saudi Arabia

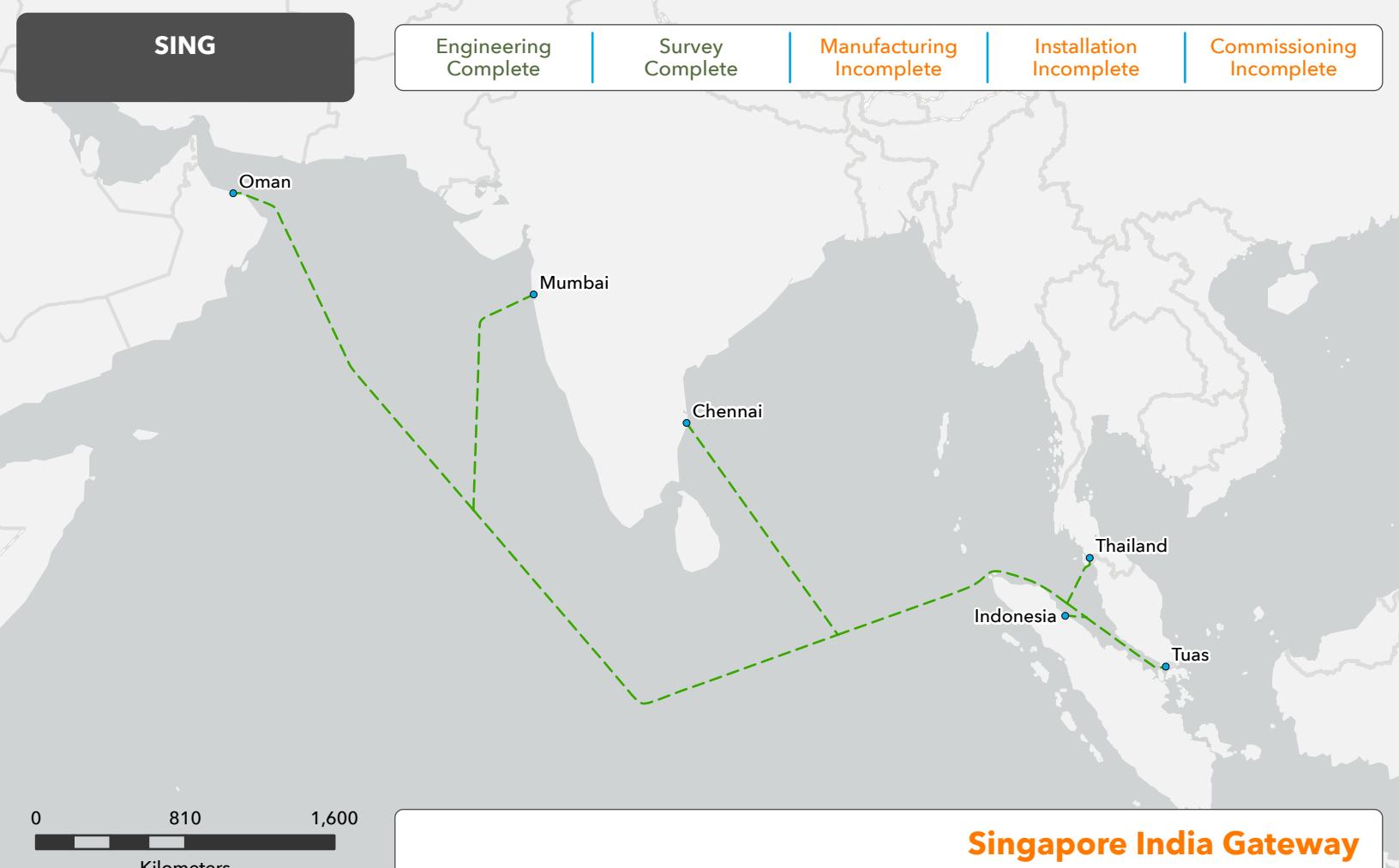


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$80,000,000
Length (km)	2,227
Design Capacity (Tbps)	Not Available
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Campana Group

LANDING POINTS

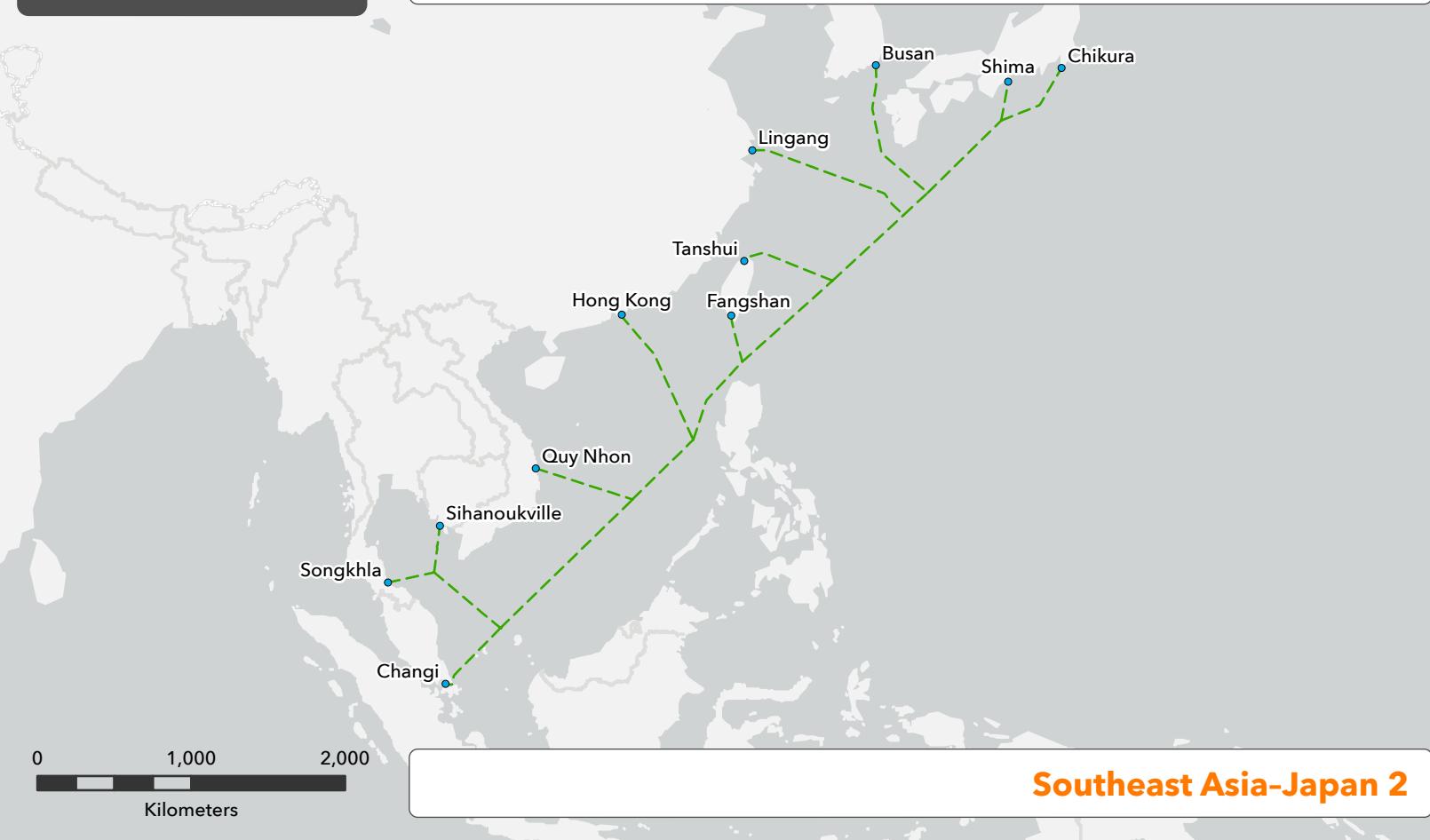
City	State/Province	Country
Thanlyin	Yangon	Myanmar
Tuas	West Region	Singapore

**SYSTEM DETAILS**

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$22,500,000
Length (km)	9,000
Design Capacity (Tbps)	18
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Datawave Networks

LANDING POINTS

City	State/Province	Country
Chennai	Tamil Nadu	India
Mumbai	Maharashtra	India
	Oman	Oman
Tuas	West Region	Singapore



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$26,500,000
Length (km)	10,500
Design Capacity (Tbps)	144
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC
System Installer	Orange
Owner(s)	China Mobile, Chuan Wei, Chunghwa Telecom Co., KDDI Corporation, Meta, Singtel, SK Broadband, VNPT

LANDING POINTS

City	State/Province	Country
Busan	Yeongnam	South Korea
Changi	East Region	Singapore
Chikura	Chiba	Japan
Fangshan	Pingtung	Taiwan
Hong Kong	Hong Kong	China
Lingang	Pudong	China
Quy Nhon	Binh Dinh	Vietnam
Shima	Mie	Japan
Sihanoukville	Preah Sihanouk	Cambodia
Songkhla	Songkhla	Thailand
Tanshui	New Taipei City	Taiwan

T3

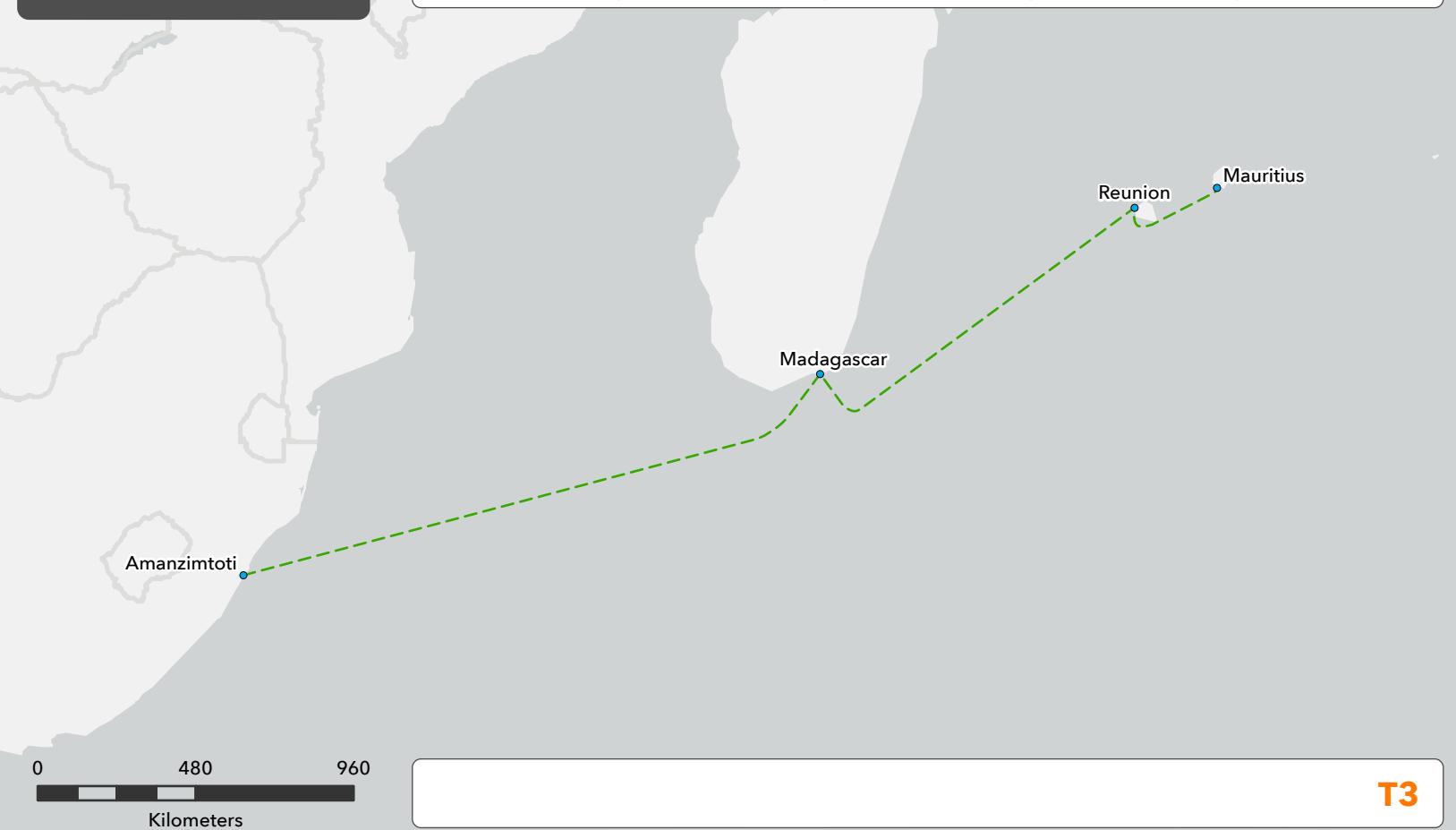
Engineering Complete

Survey Complete

Manufacturing Complete

Installation Incomplete

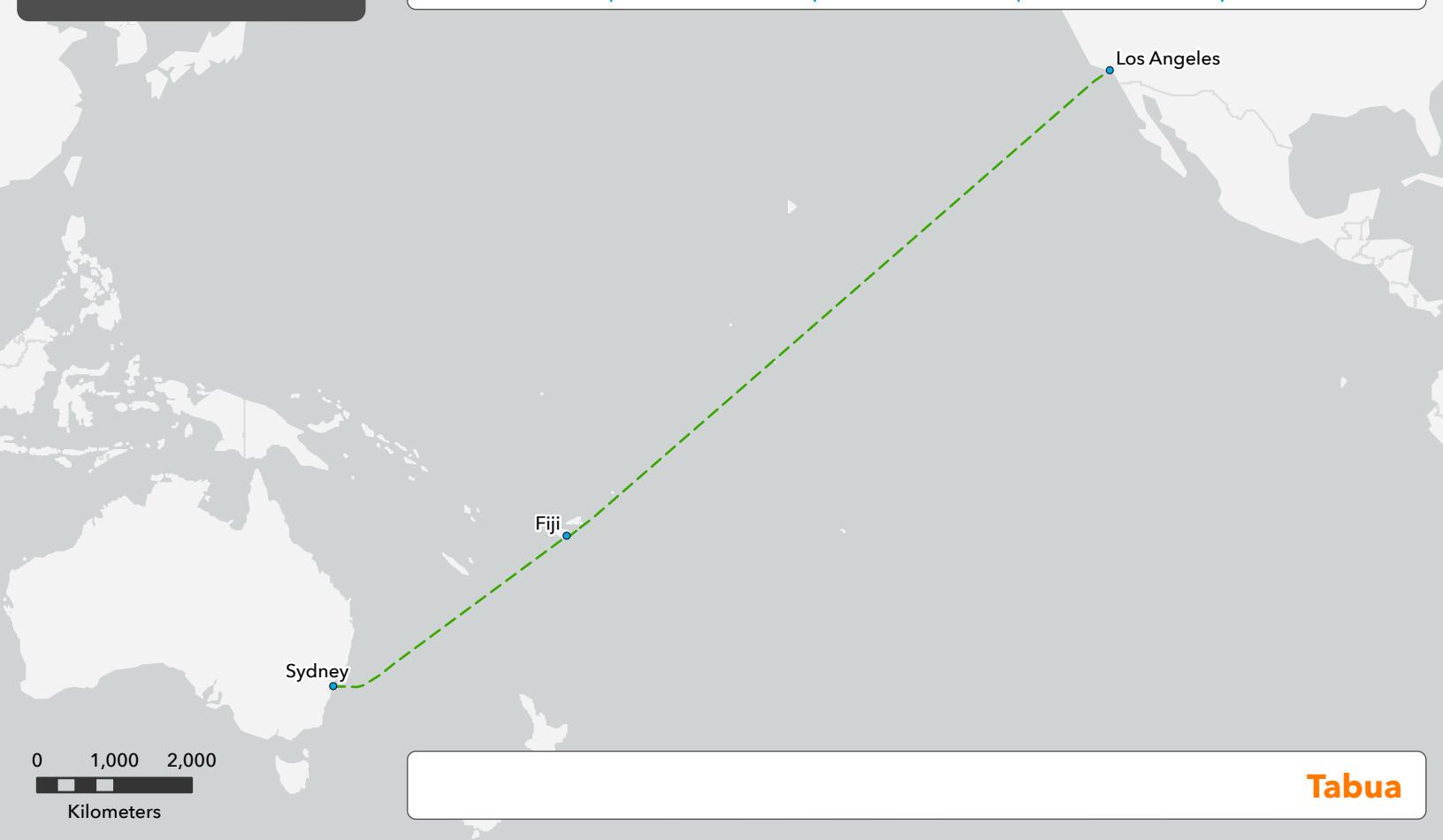
Commissioning Incomplete

**SYSTEM DETAILS**

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$80,000,000
Length (km)	3,200
Design Capacity (Tbps)	18
Fiber Pairs	4
Wavelengths per Fiber Pair	45
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Mauritius Telecom

LANDING POINTS

City	State/Province	Country
Amanzimtoti	KwaZulu-Natal	South Africa
		Madagascar
		Mauritius
		Réunion



SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	\$750,000
Length (km)	10,000
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Los Angeles	California	Fiji
Sydney	New South Wales	United States

TAM-1

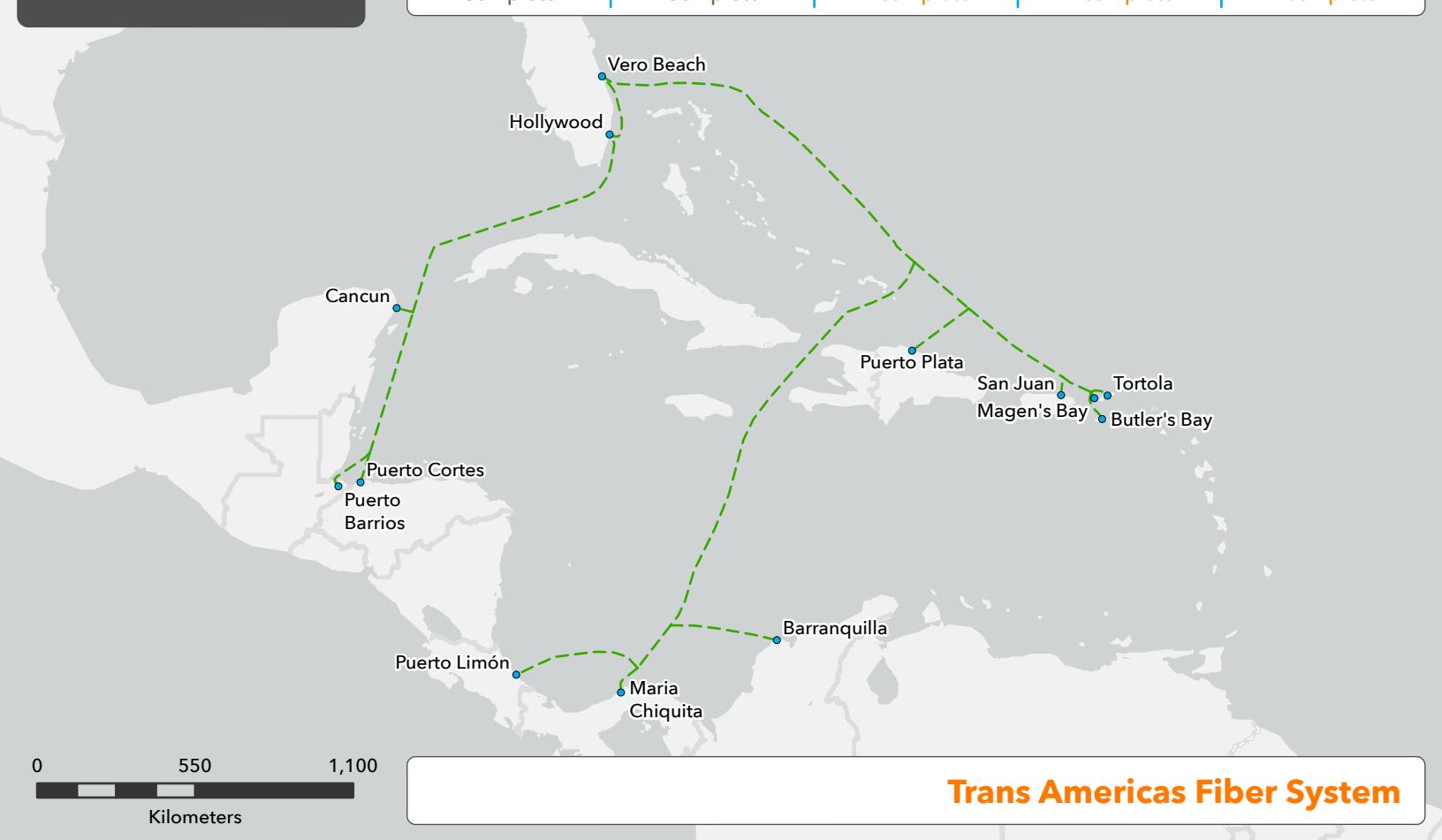
Engineering Complete

Survey Complete

Manufacturing Incomplete

Installation Incomplete

Commissioning Incomplete

**SYSTEM DETAILS**

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	Not Available
Length (km)	7,000
Design Capacity (Tbps)	432
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Xtera
System Installer	Not Available
Owner(s)	Trans Americas Fiber System

LANDING POINTS

City	State/Province	Country
Barranquilla	Atlántico	Colombia
Butler's Bay	St. Croix	U.S. Virgin Islands
Cancun	Quintana Roo	Mexico
Hollywood	Florida	United States
Magen's Bay		British Virgin Islands
Maria Chiquita	Colón	Panama
Puerto Barrios	Izabal	Guatemala
Puerto Cortes	Cortés	Honduras
Puerto Limón	Limón Province	Costa Rica
Puerto Plata	Puerto Plata	Dominican Republic
San Juan		Puerto Rico
Tortola		British Virgin Islands
Vero Beach	Florida	United States

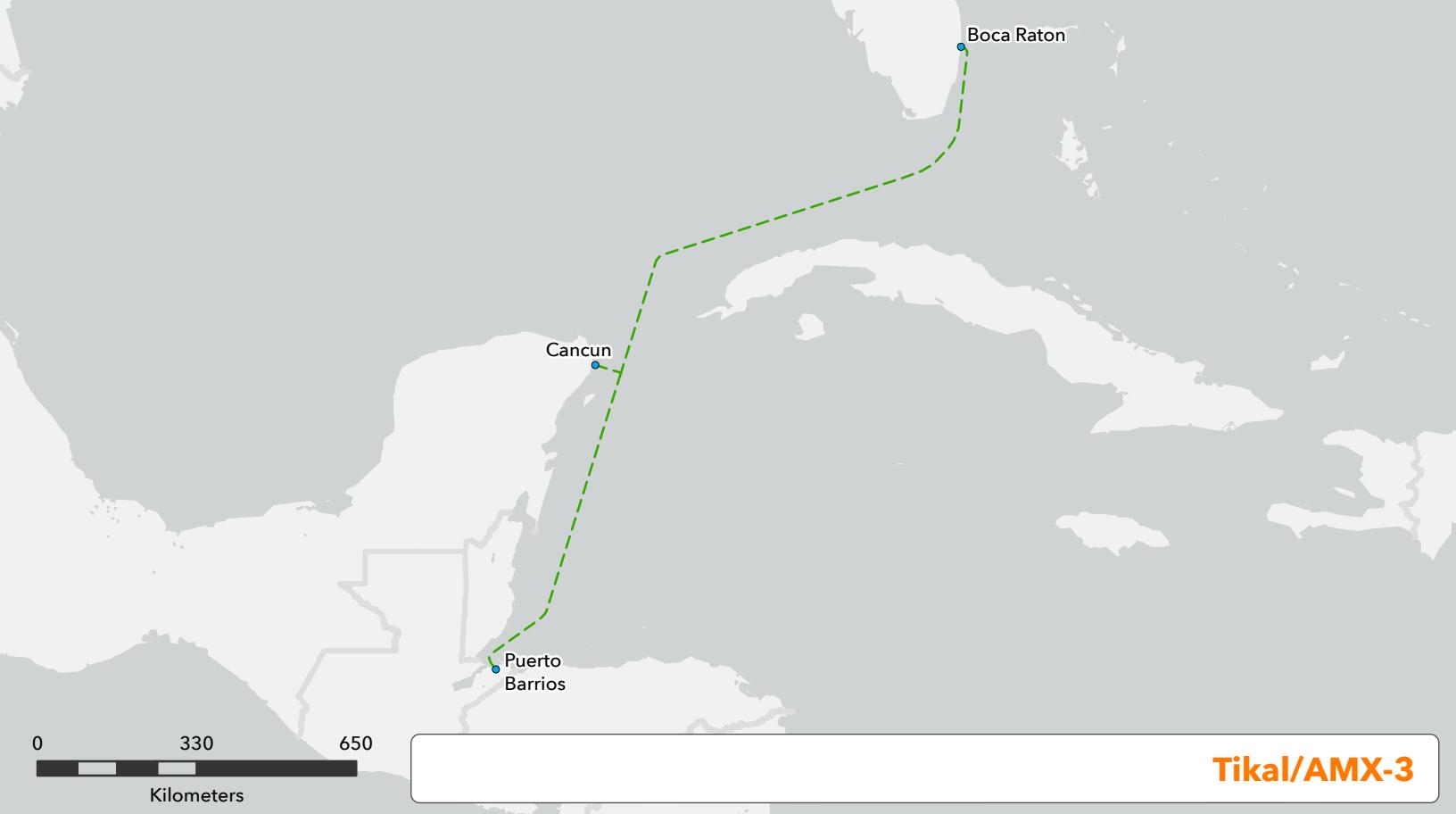


SYSTEM DETAILS

RFS Year	2024
EOS Year	2048
Est. System Cost (USD)	\$40,442,500
Length (km)	19,000
Design Capacity (Tbps)	300
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Cinturion

LANDING POINTS

City	State/Province	Country
Amman		Jordan
Aqaba	Aqaba	Jordan
Duba	Tabuk	Saudi Arabia
Dummar	Eastern Province	Saudi Arabia
Marseille	Provence-Alpes-Côte d'Azur	France
Mumbai	Maharashtra	India
Pescara	Pescara	Italy
Thuwal	Makkah	Saudi Arabia



SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$47,500,000
Length (km)	1,900
Design Capacity (Tbps)	190
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	America Movil, Telxius

LANDING POINTS

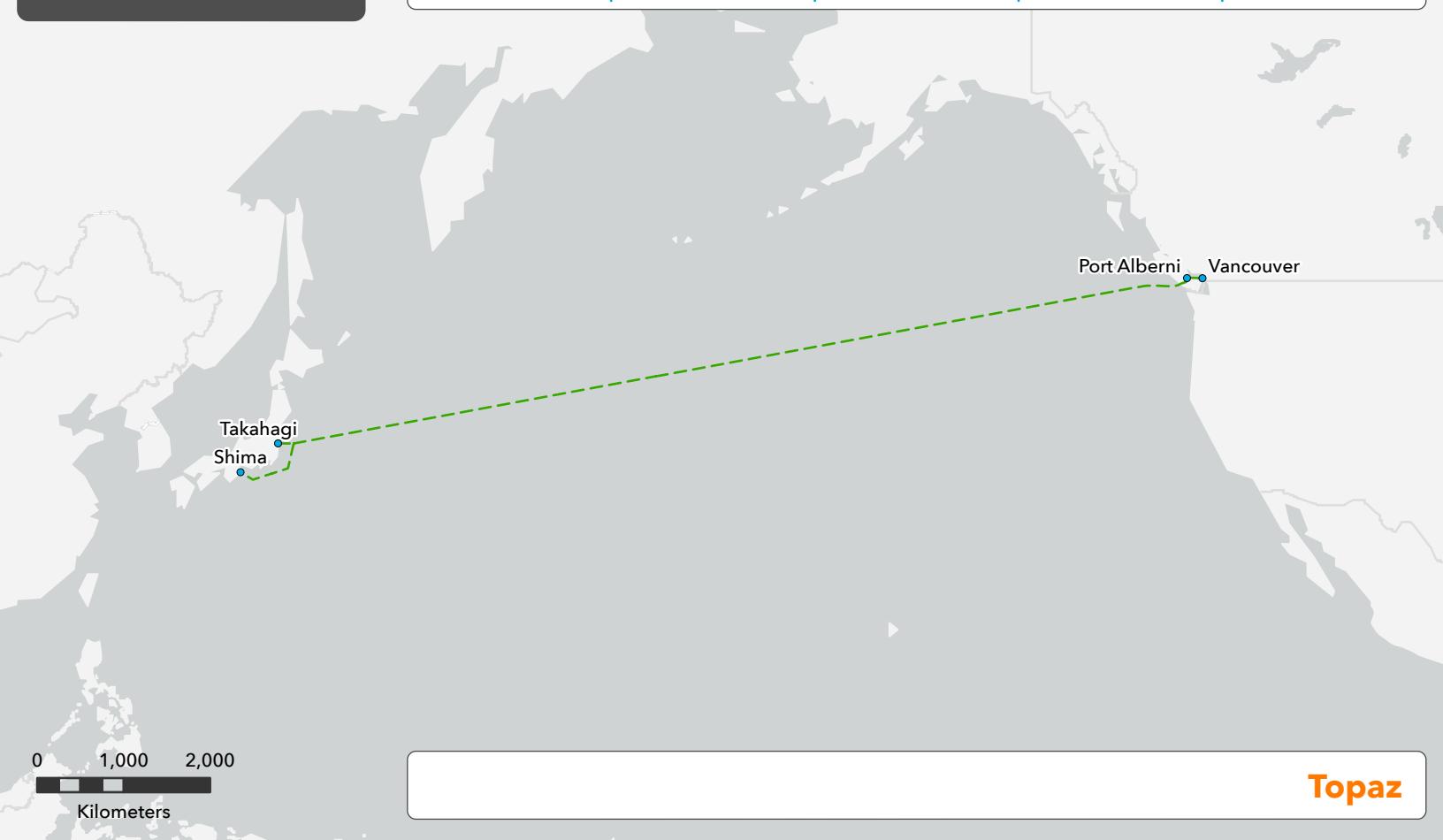
City	State/Province	Country
Boca Raton	Florida	United States
Cancun	Quintana Roo	Mexico
Puerto Barrios	Izabal	Guatemala

**SYSTEM DETAILS**

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$41,600,000
Length (km)	621
Design Capacity (Tbps)	0.2
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Darwin	Northern Territory	Australia
Dili		East Timor
Port Hedland	Western Australia	Australia



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$17,500,000
Length (km)	7,000
Design Capacity (Tbps)	240
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Port Alberni	British Columbia	Canada
Shima	Mie	Japan
Takahagi	Ibaraki	Japan
Vancouver	BC	Canada

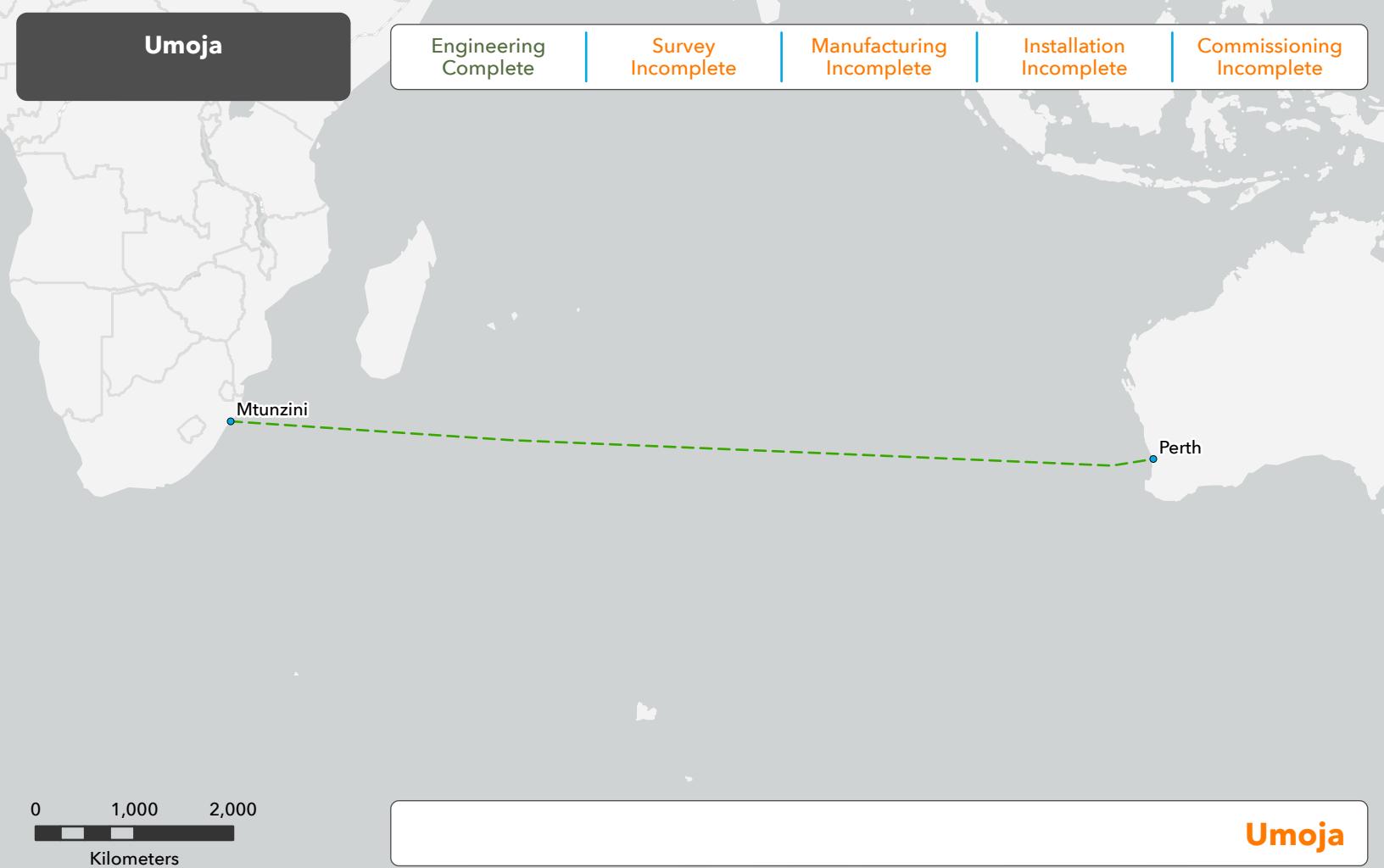


SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$21,000,000
Length (km)	8,370
Design Capacity (Tbps)	260
Fiber Pairs	20
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Claveria	Cagayan	Philippines
Dawu		Taiwan
Eureka	California	United States
Tanguisson Point	Guam	United States



0 1,000 2,000
Kilometers

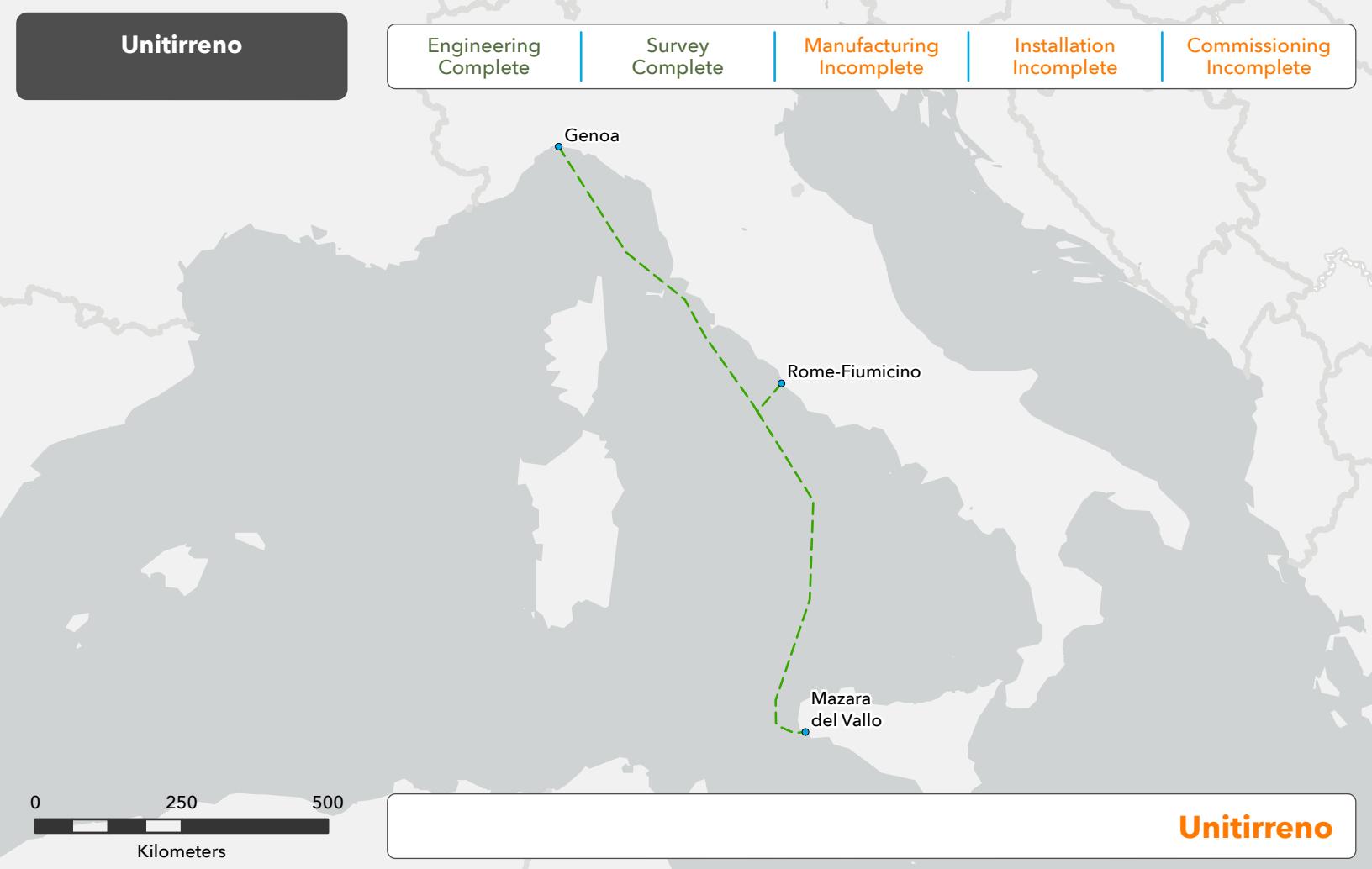
Umoja

SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	\$600,000
Length (km)	8,000
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Mtunzini	KwaZulu-Natal	South Africa
Perth	Western Australia	Australia



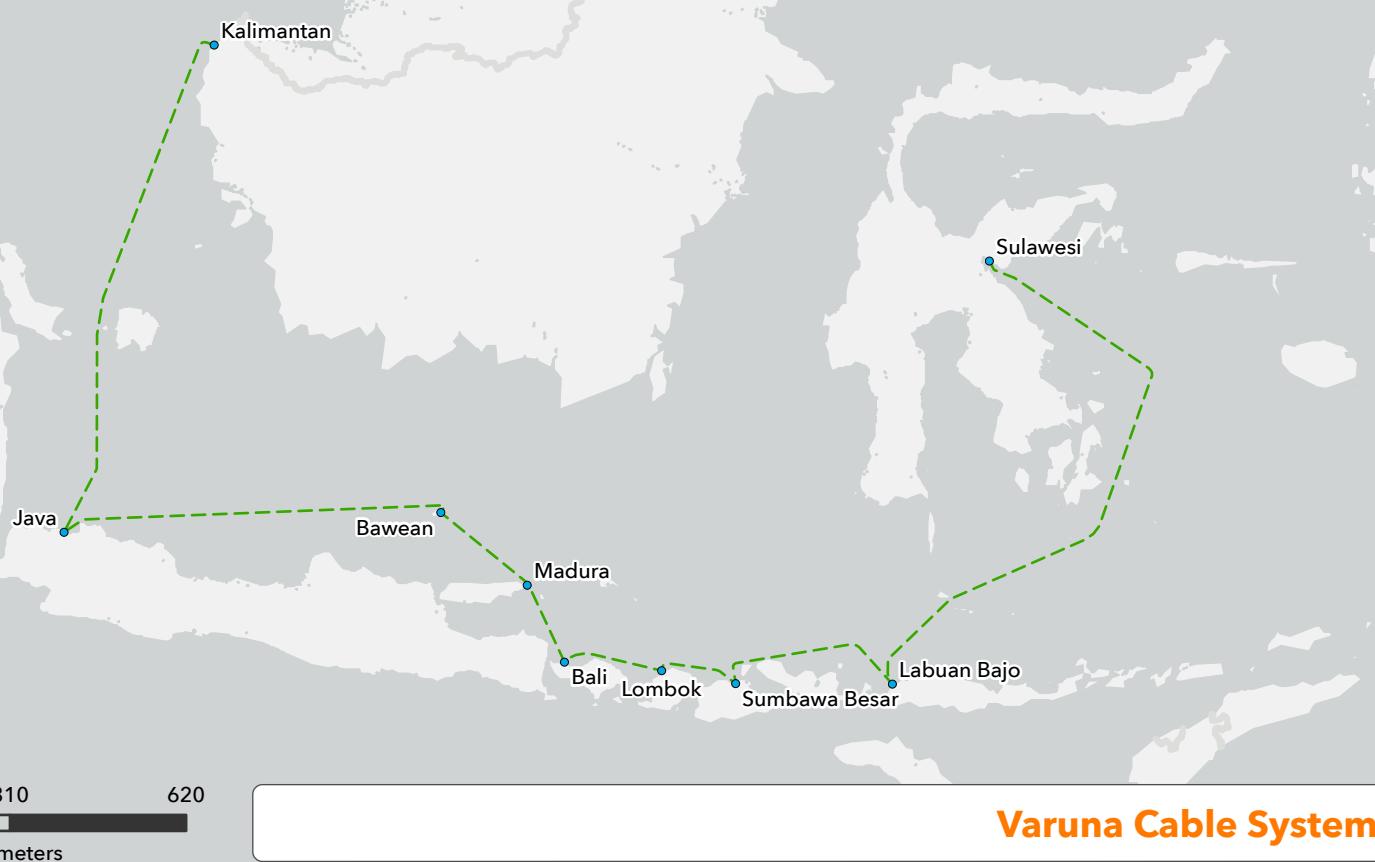
Unitirreno

SYSTEM DETAILS

RFS Year	2025
EOS Year	2050
Est. System Cost (USD)	\$22,250,000
Length (km)	1,030
Design Capacity (Tbps)	480
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Elettra
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Genoa	Liguria	Italy
Mazara del Vallo	Sicily	Italy
Rome-Fiumicino		Italy

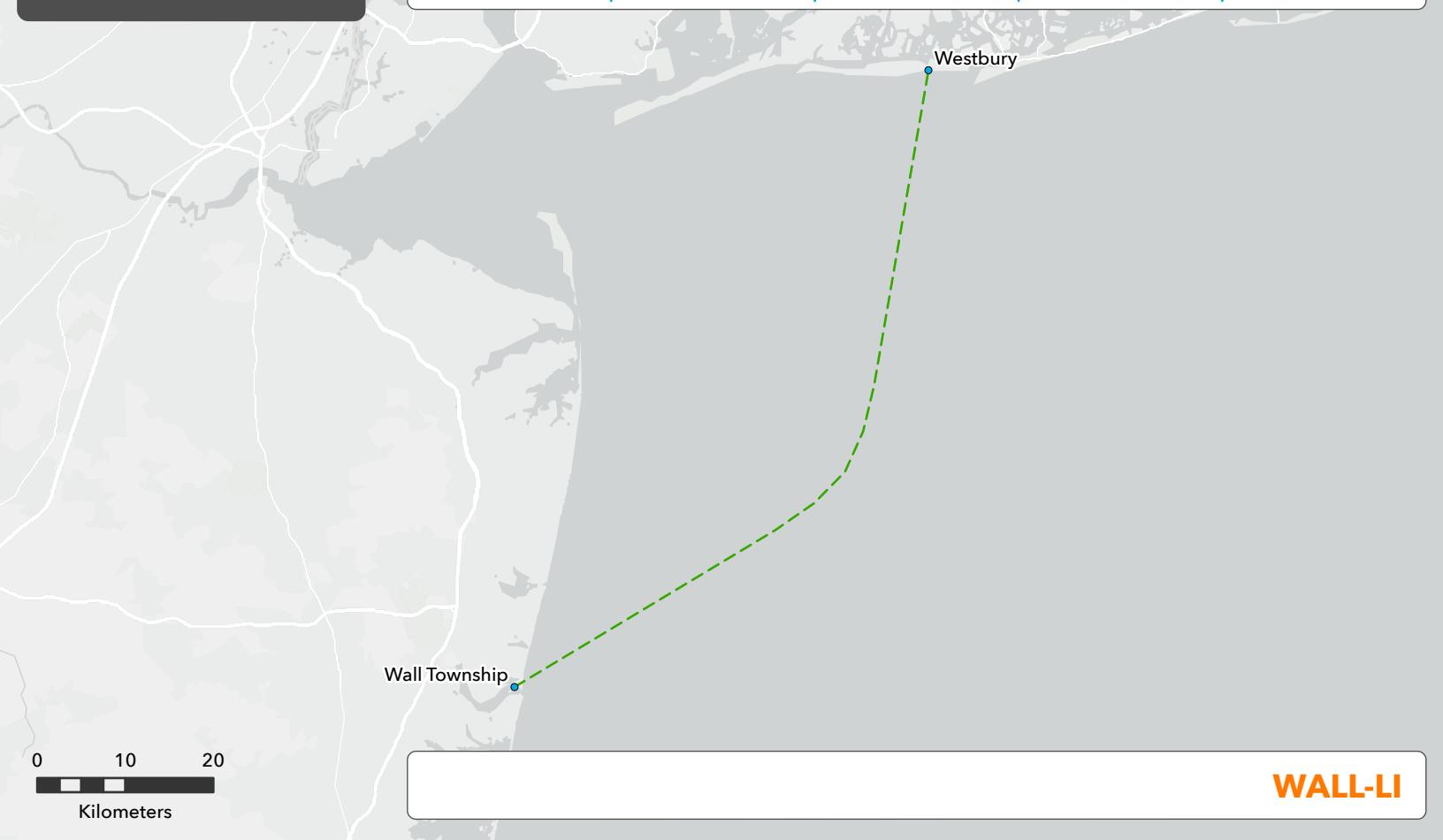


SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$85,000,000
Length (km)	3,400
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	PT Communication Cable Systems Indonesia Tbk. (CCSI)
System Installer	PT Communication Cable Systems Indonesia Tbk. (CCSI)
Owner(s)	Mitsui & Co, PT NAP Info Lintas Musa (Matrix NAP Info)

LANDING POINTS

City	State/Province	Country
Bali	Bali	Indonesia
Bawean	East Java	Indonesia
Java		Indonesia
	Kalimantan	Indonesia
Labuan Bajo	Flores	Indonesia
Lombok	West Nusa Tenggara	Indonesia
Madura	East Java	Indonesia
Sulawesi	Sulawesi	Indonesia
Sumbawa Besar	West Nusa Tenggara	Indonesia



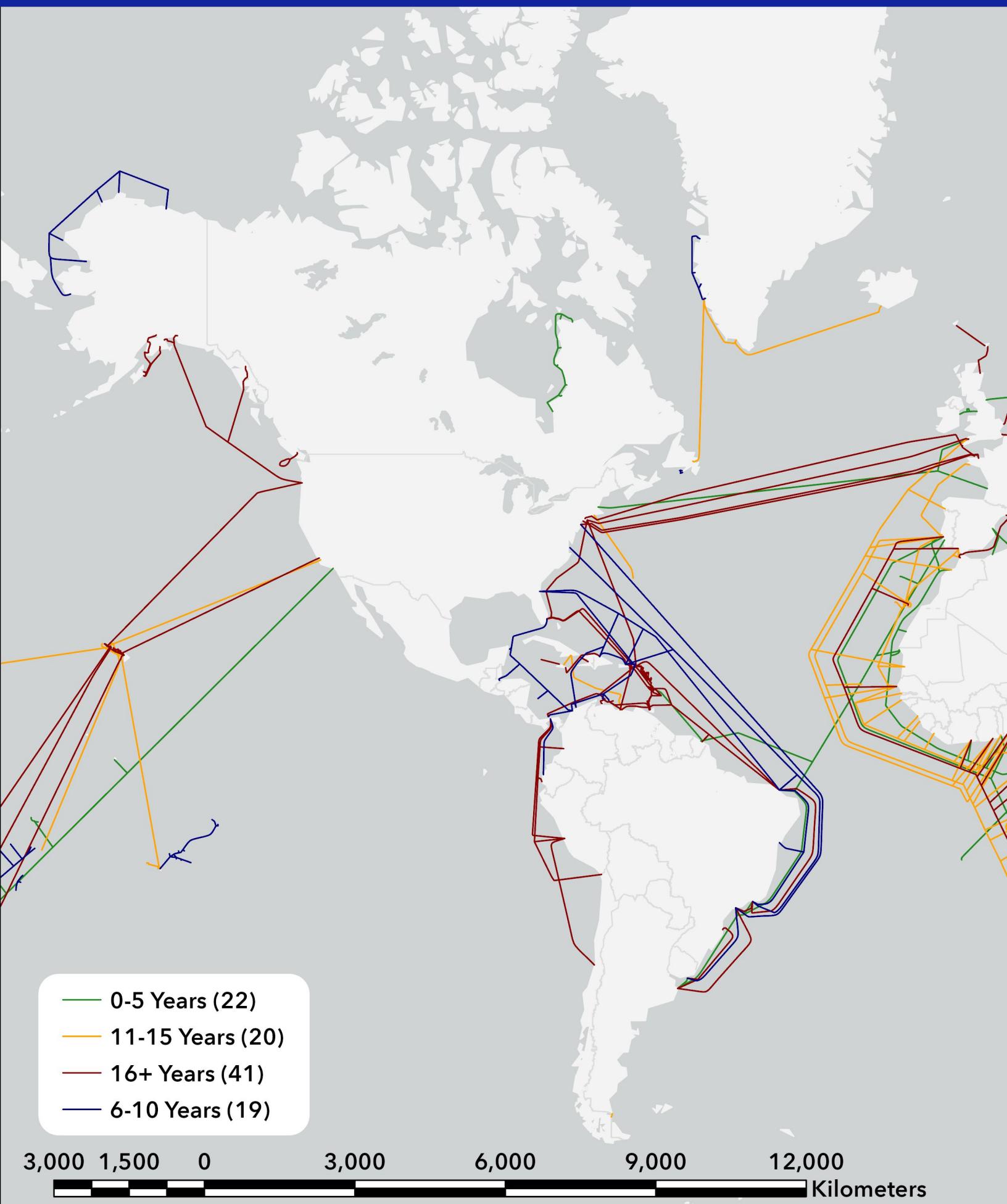
SYSTEM DETAILS

RFS Year	2026
EOS Year	2051
Est. System Cost (USD)	\$3,125,000
Length (km)	125
Design Capacity (Tbps)	Not Available
Fiber Pairs	96
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	Hexatronic Cables & Interconnect Systems AB
System Installer	Not Available
Owner(s)	Crosslake Fibre, Inc.

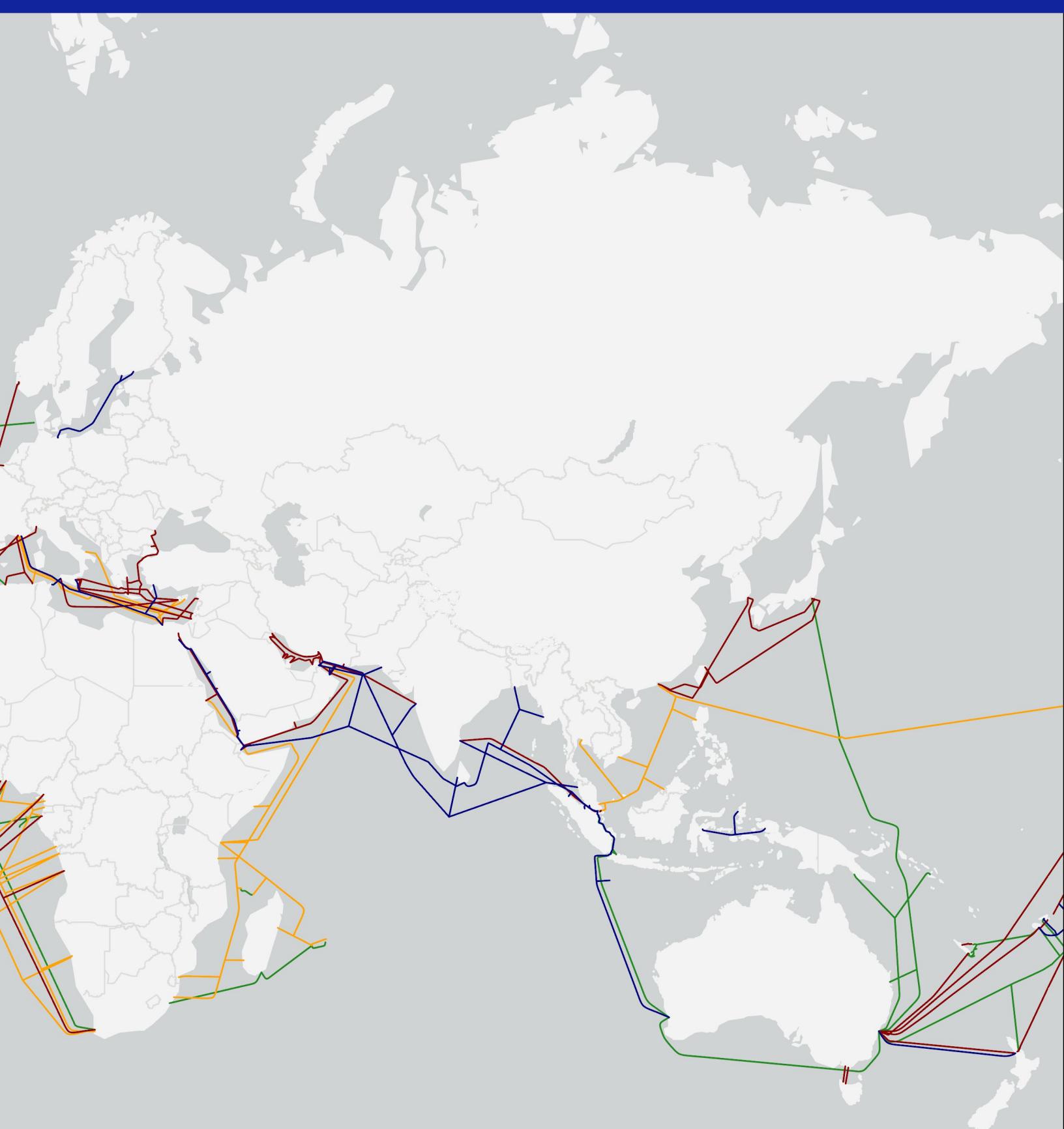
LANDING POINTS

City	State/Province	Country
Wall Township	New Jersey	United States
Westbury	New York	United States

In Service Sys



systems - ASN





SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$50,000,000
Length (km)	20,547
Design Capacity (Tbps)	16.8
Fiber Pairs	2
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, Mitsubishi Electric Corporation, NEC

System Installer	ASEAN Cables, ASN, Orange, Telekom Malaysia Berhad
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Owner(s)	AT&T Inc., BayanTel, Bharti Airtel Limited, BT, CAT Telecom, Eastern Telecommunications Philippines, Inc. (ETPI), FPT Telecom, Government of Brunei Darussalam, PLDT, Saigon Postel Corporation, Starhub Ltd., Telcotech Limited, Telecom New Zealand, Telekom Malaysia Berhad, Telkom Indonesia, Telstra, Viettel, VNPT
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LANDING POINTS

City	State/Province	Country
Changi	East Region	Singapore
Grover Beach	California	United States
Keawaula	Hawaii	United States
La Union	La Union	Philippines
Lantau	Hong Kong	China
Mersing	Johor	Malaysia
Sri Racha	Chon Buri	Thailand
Tanguisson Point	Guam	United States
Tungku	Brunei-Muara	Brunei
Vung Tau	Bà Rịa-Vung Tau	Vietnam



SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$70,000,000
Length (km)	17,000
Design Capacity (Tbps)	20
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, SubCom
System Installer	Orange
Owner(s)	Benin Telecoms, Cable Consortium of Liberia, Canalink Africa SL, Côte d'Ivoire Telecom, Dolphin Telecom JLT, Gambia Submarine Cable, Guinéenne de Large Bande, International Mauritania Telecom, MEO, MTN Group, Orange, Republic of Equatorial Guinea, Republic of Gabon, République of Cameroun, Sierra Leone Cable Company, STP Cabo

LANDING POINTS

City	State/Province	Country
Abidjan		Ivory Coast
Accra	Greater Accra Region	Ghana
Banjul	Banjul	Gambia
Bata	Litoral	Equatorial Guinea
Carcavelos	Cascais	Portugal
Conakry	Conakry	Guinea
Cotonou		Benin
Dakar	Dakar	Senegal
Duynefontein	Western Cape	South Africa
Freetown	Western Area	Sierra Leone
Kribi	South Province	Cameroon
Lagos	Lagos	Nigeria
Libreville	Estuaire	Gabon
Luanda	Luanda Province	Angola
Monrovia	Montserrado	Liberia
Muanda	Kongo Central	Dem. Republic of the
Nouakchott	Nouakchott-Sud	Mauritania
Penmarch	Brittany	France
Santana	Cantagalo	Sao Tome and Principe
Suro		Guinea-Bissau
Swakopmund	Erongo	Namibia
Tenerife	Canary Islands	Spain

Aden-Djibouti

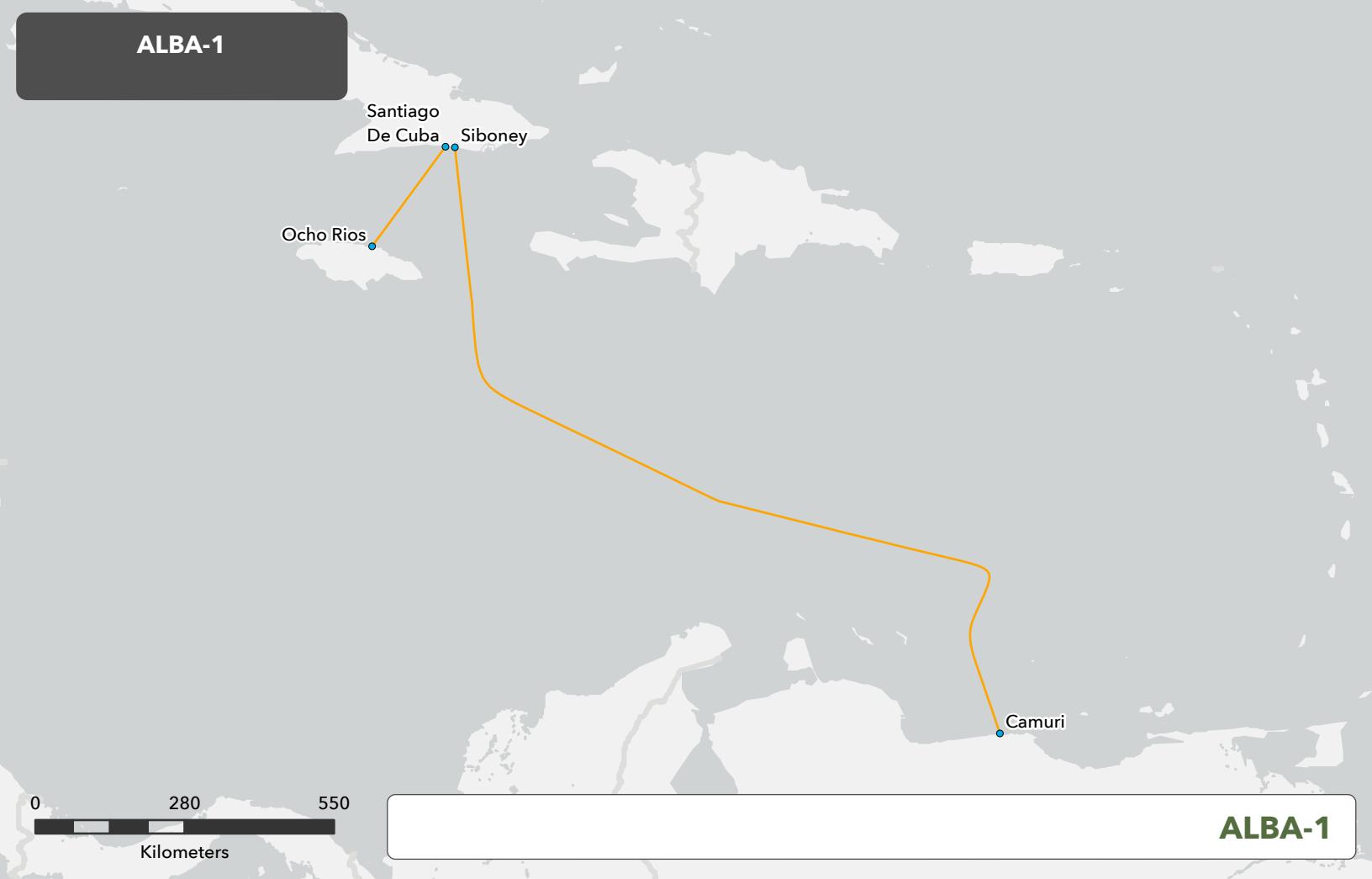


SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$6,725,000
Length (km)	269
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Djibouti Telecom, Orange, TATA Communications, Telecom Italia Sparkle, TeleYemen

LANDING POINTS

City	State/Province	Country
Aden	Aden	Yemen
Djibouti City	Djibouti	Djibouti

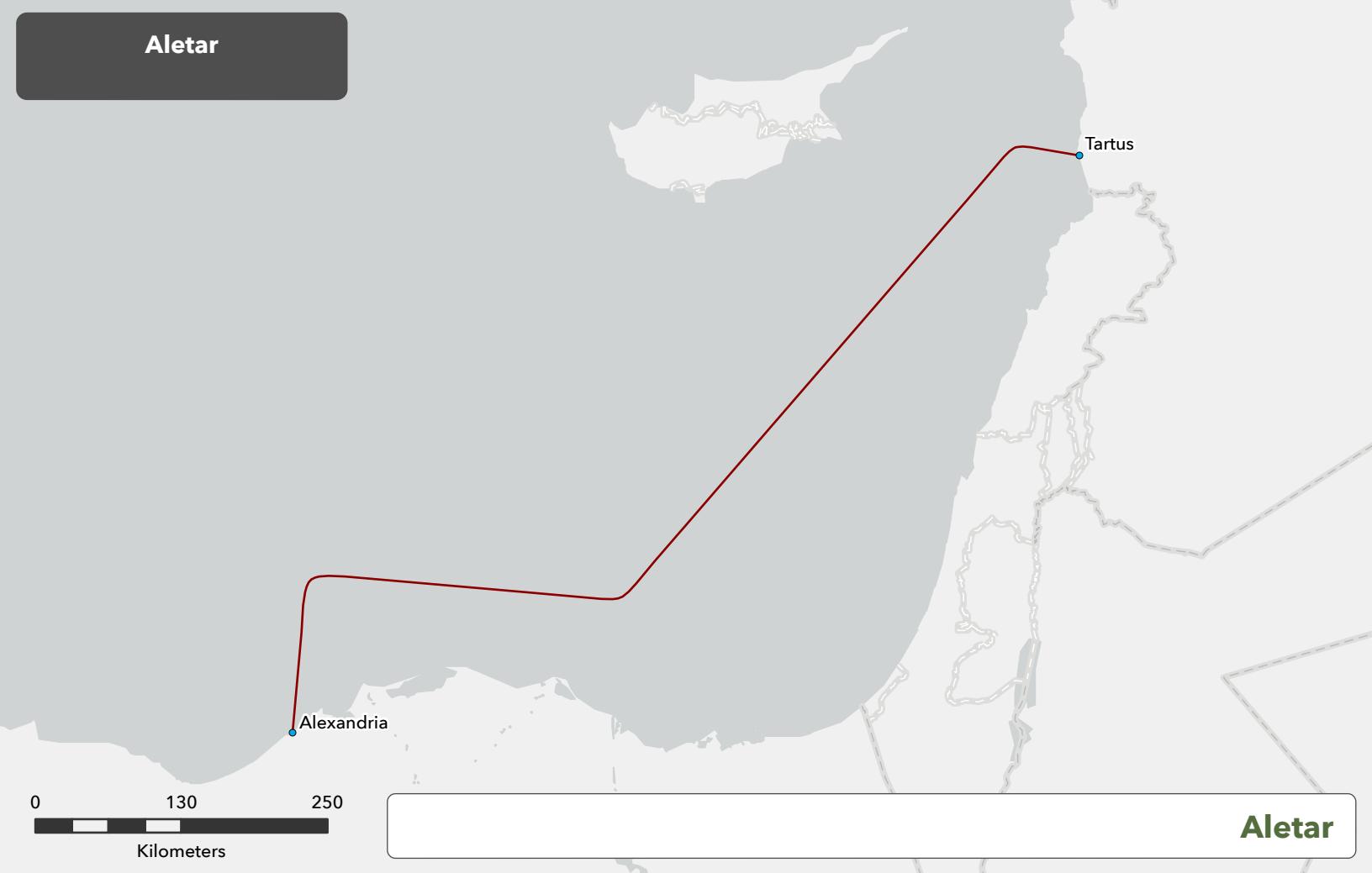


SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$72,000,000
Length (km)	1,600
Design Capacity (Tbps)	5.12
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, Telecomunicaciones Gran Caribe
Owner(s)	Telecom Venezuela, Transbit SA

LANDING POINTS

City	State/Province	Country
Camuri	Vargas	Venezuela
Ocho Rios	Saint Ann	Jamaica
Santiago De Cuba	Santiago de Cuba	Cuba
Siboney	Santiago de Cuba	Cuba



SYSTEM DETAILS

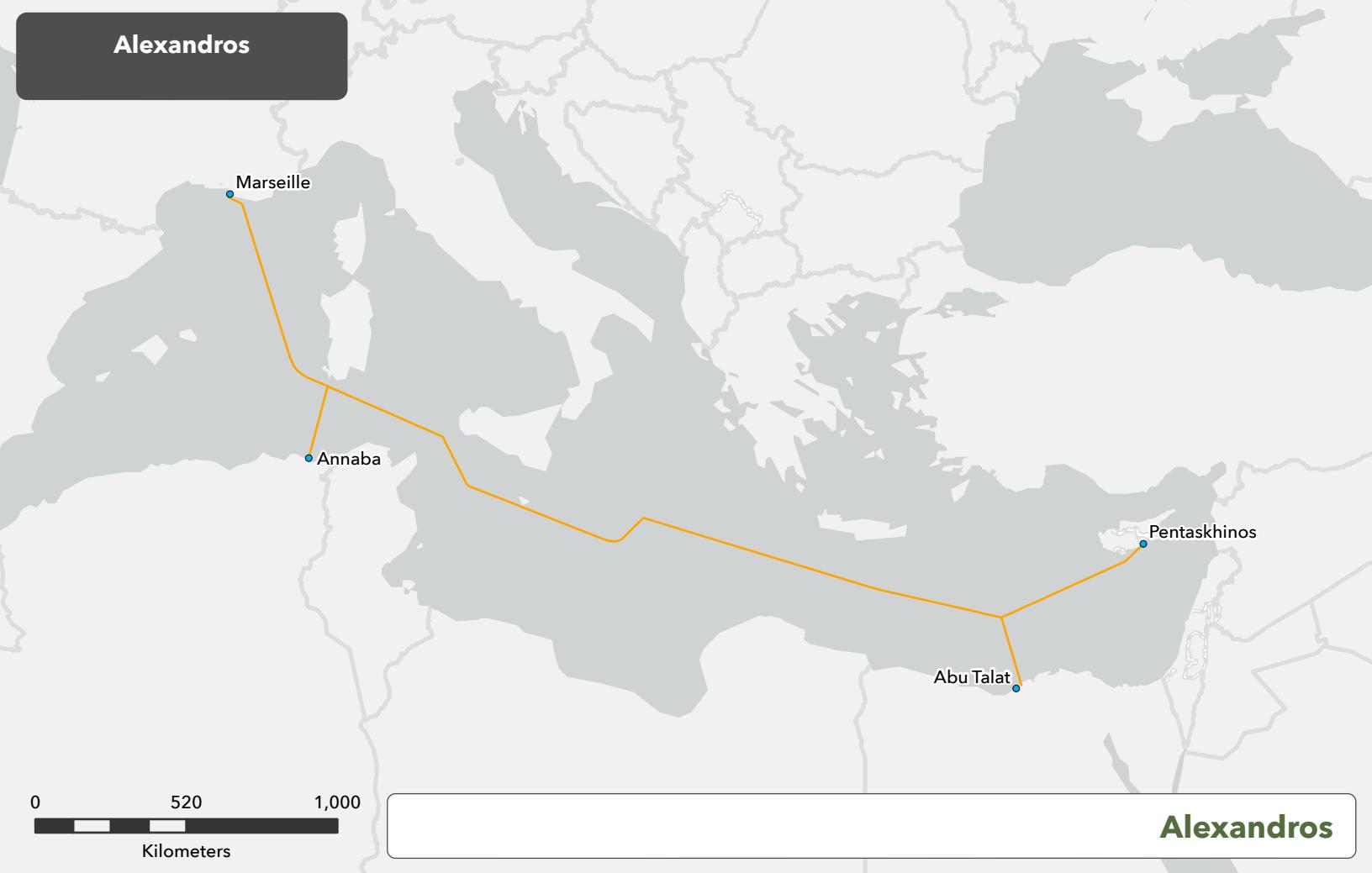
RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$23,000,000
Length (km)	733
Design Capacity (Tbps)	0.005
Fiber Pairs	1
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Tartus	Tartus	Syria

System Installer	ASN, FCR
Owner(s)	Lebanese Ministry of Telecommunications, Syrian Telecom

Alexandros



SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$90,850,000
Length (km)	3,634
Design Capacity (Tbps)	10
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Annaba	Annaba Province	Algeria
Marseille	Provence-Alpes-Côte d'Azur	France
Pentaskhinos	Larnaca	Cyprus

System Installer	Not Available
Owner(s)	Algerie Telecom, Cyprus Telecommunications Authority, PCCW Global, Seacom Limited, TATA Communications

Alonso De Ojeda

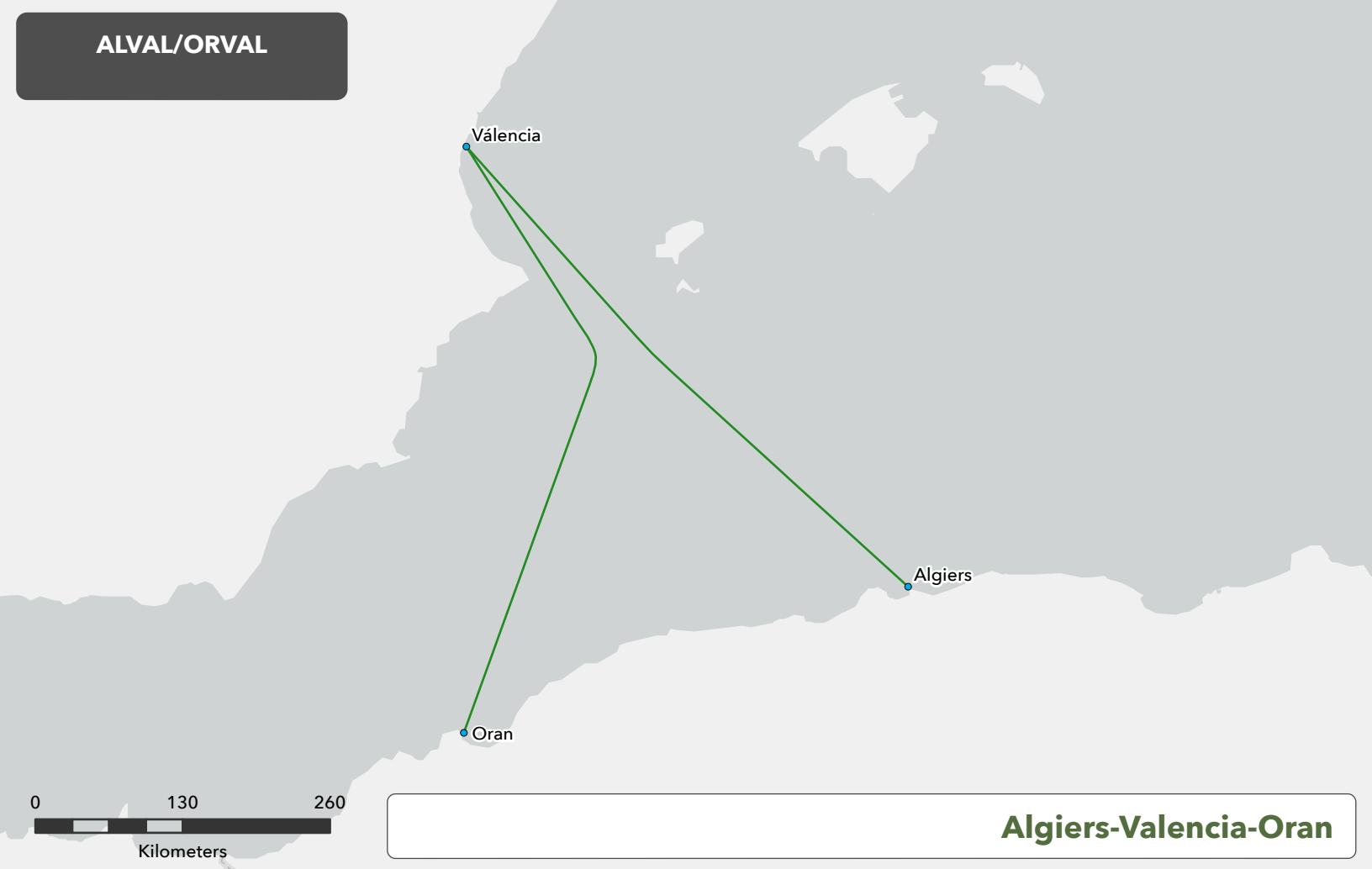


SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$8,700,000
Length (km)	128
Design Capacity (Tbps)	0.1
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, IT International Telecom
Owner(s)	Antelecom NV, Setar N.V.

LANDING POINTS

City	State/Province	Country
Oranjestad		Aruba
Willemstad		Curaçao



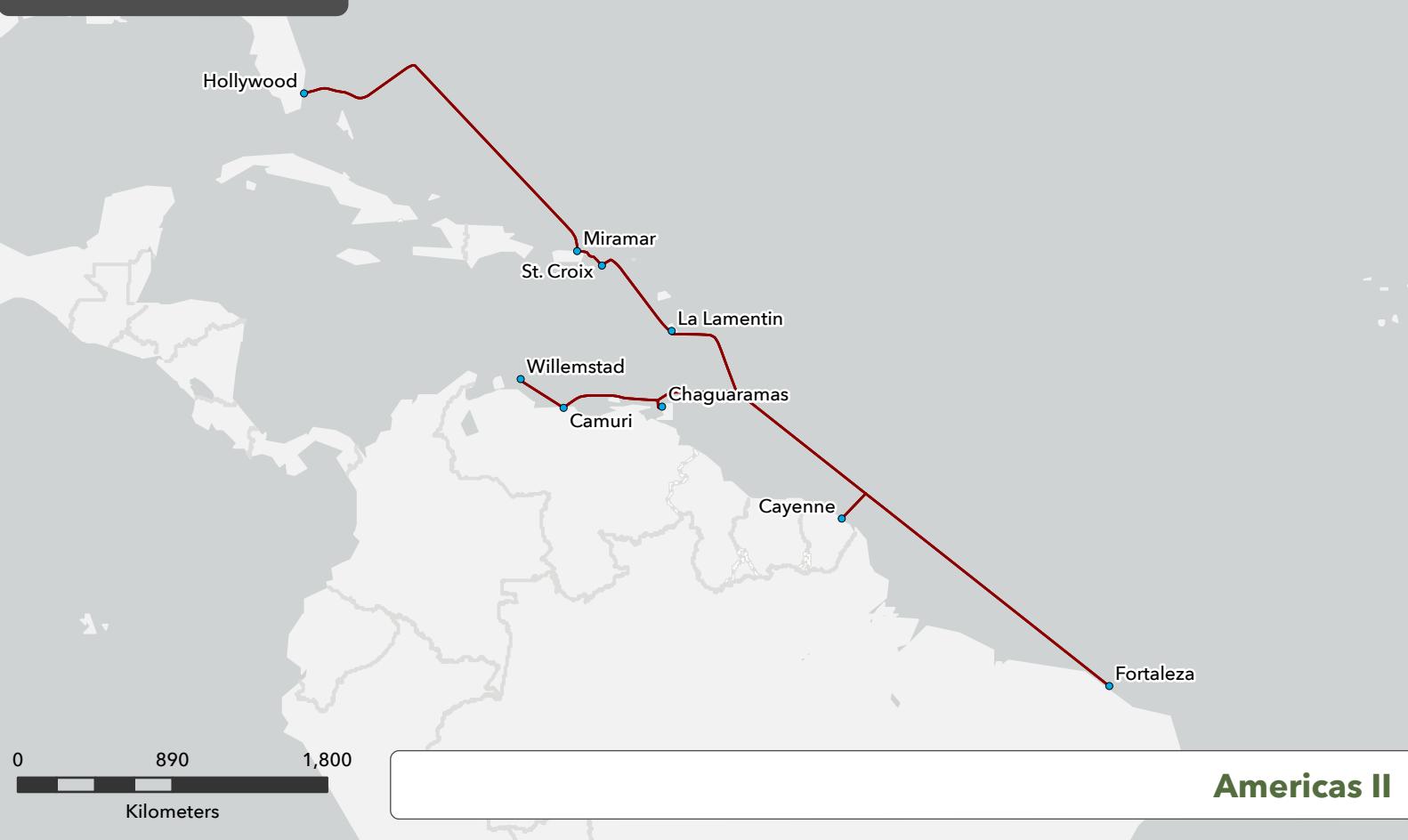
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$27,000,000
Length (km)	800
Design Capacity (Tbps)	40
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Algerian Ministry of Post, Information Technology and Communications

LANDING POINTS

City	State/Province	Country
Algiers	Algiers Province	Algeria
Oran	Oran Province	Algeria
Válencia	Válencia	Spain

Americas II



SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$35,000,000
Length (km)	8,373
Design Capacity (Tbps)	6.1
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	40
System Supplier	ASN, SubCom

System Installer	SubCom
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Owner(s)	Antelecom NV, AT&T Inc., Brazil Telecom, CANTV, Embratel, FT, GT&T, Sprint, Telecom Italia, Telesur, Telintar, Trescom Int., TSTT, Verizon
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LANDING POINTS

City	State/Province	Country
Camuri	Vargas	Venezuela
Cayenne	French Guiana	France
Chaguanas	Diego Martin	Trinidad and Tobago
Fortaleza	Ceará	Brazil
Hollywood	Florida	United States
La Lamentin	Martinique	France
Miramar		Puerto Rico
	St. Croix	U.S. Virgin Islands
Willemstad		Curaçao



Amerigo Vespucci

SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$15,000,000
Length (km)	84
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Bonaire	Dutch Caribbean	Netherlands
Curaçao		Curaçao

**SYSTEM DETAILS**

RFS Year	2023
EOS Year	2048
Est. System Cost (USD)	\$18,230,000
Length (km)	6,792
Design Capacity (Tbps)	368
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	ASN
System Installer	Orange
Owner(s)	Aqua Comms Limited, Meta, Microsoft, Vodafone

LANDING POINTS

City	State/Province	Country
Bude	England	United Kingdom
Le Porge	Nouvelle-Aquitaine	France
Lynn	Massachusetts	United States



SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$70,000,000
Length (km)	17,800
Design Capacity (Tbps)	50
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Not Available
Owner(s)	America Movil

LANDING POINTS

City	State/Province	Country
Barranquilla	Atlántico	Colombia
Cancun	Quintana Roo	Mexico
Cartagena	Bolívar	Colombia
Fortaleza	Ceará	Brazil
Hollywood	Florida	United States
Jacksonville	Florida	United States
Puerto Barrios	Izabal	Guatemala
Puerto Plata	Puerto Plata	Dominican Republic
Rio de Janeiro	Rio de Janeiro	Brazil
Salvador	Bahia	Brazil
San Andres	San Andrés	Colombia
San Juan		Puerto Rico

Apollo



SYSTEM DETAILS

RFS Year	2003
EOS Year	2028
Est. System Cost (USD)	\$35,000,000
Length (km)	12,700
Design Capacity (Tbps)	64
Fiber Pairs	4
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Apollo Submarine Cable System Limited, ASN, C&W, Vodafone

LANDING POINTS

City	State/Province	Country
Brookhaven	New York	United States
Lannion	Brittany	France
Manasquan	New Jersey	United States
Widemouth Bay	England	United Kingdom

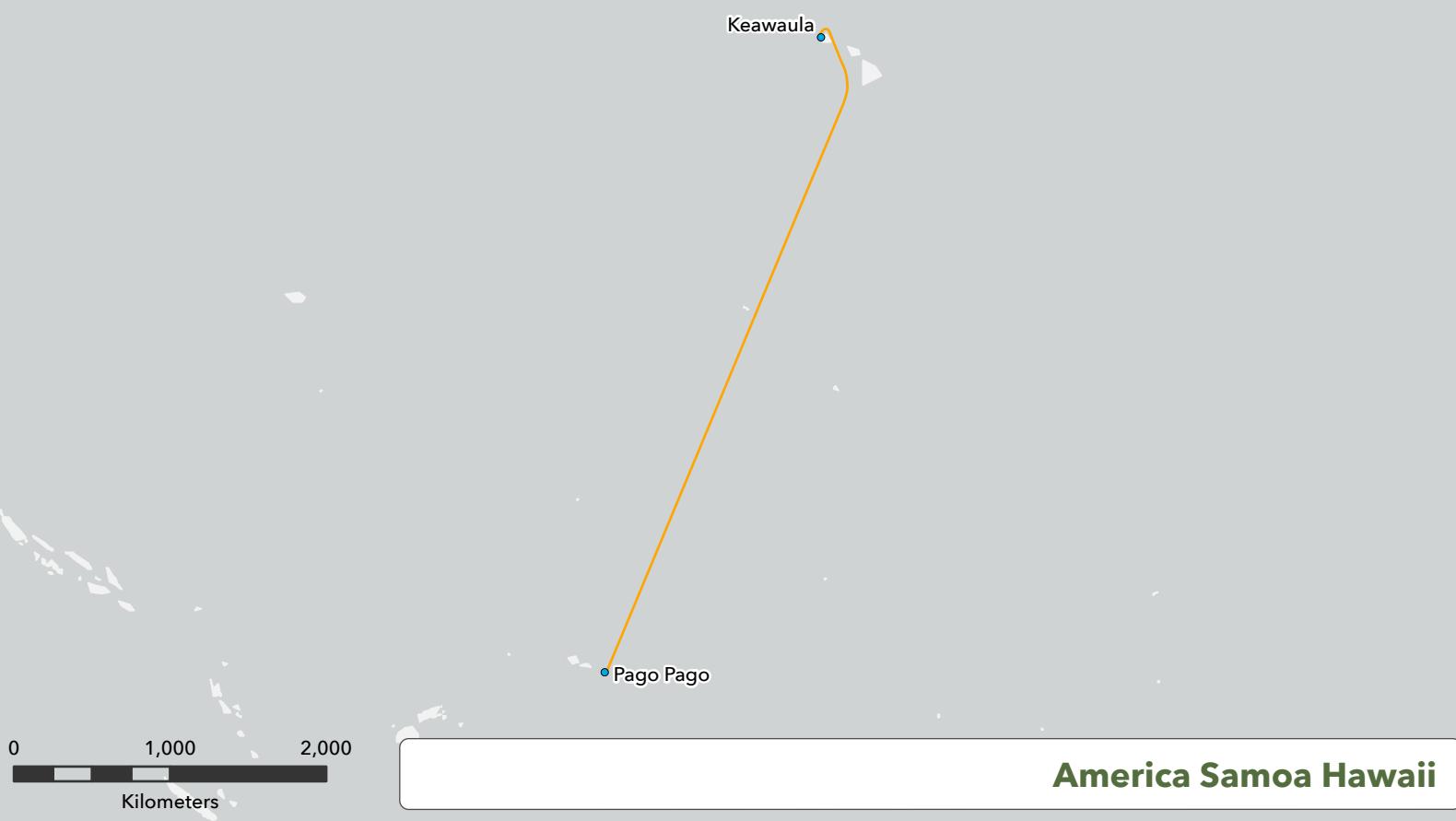


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$17,000,000
Length (km)	4,600
Design Capacity (Tbps)	60
Fiber Pairs	4
Wavelengths per Fiber Pair	150
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Australia-Singapore Cable International Limited, Vocus Communications

LANDING POINTS

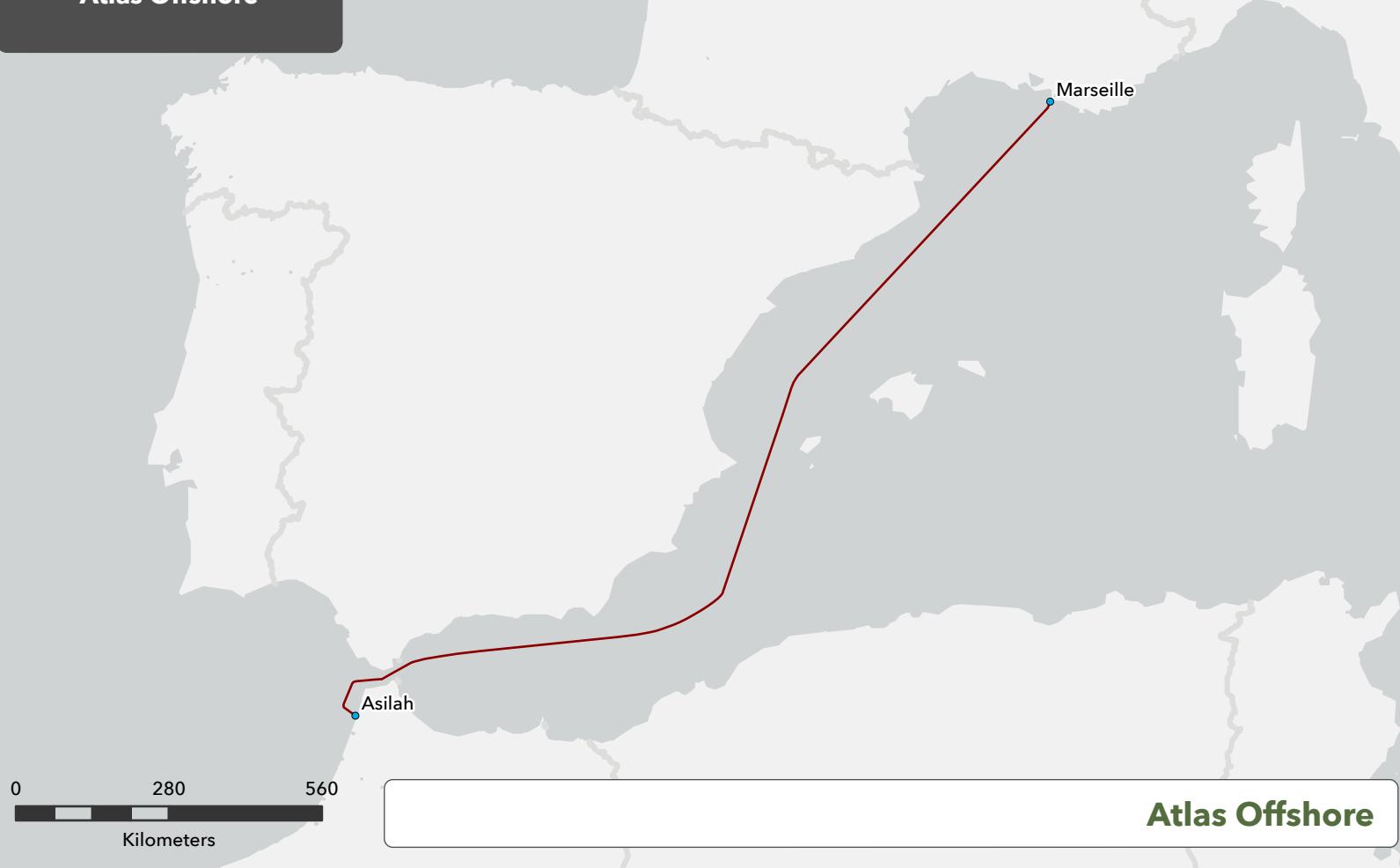
City	State/Province	Country
Anyer	Banten	Indonesia
Christmas Island	Christmas Island	Australia
Perth	Western Australia	Australia
Tanah Merah	East Region	Singapore

**SYSTEM DETAILS**

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$10,000,000
Length (km)	4,680
Design Capacity (Tbps)	0.0012
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	American Samoa Government, eLandia International

LANDING POINTS

City	State/Province	Country
Keawaula	Hawaii	United States
Pago Pago	Tu'tuila	American Samoa

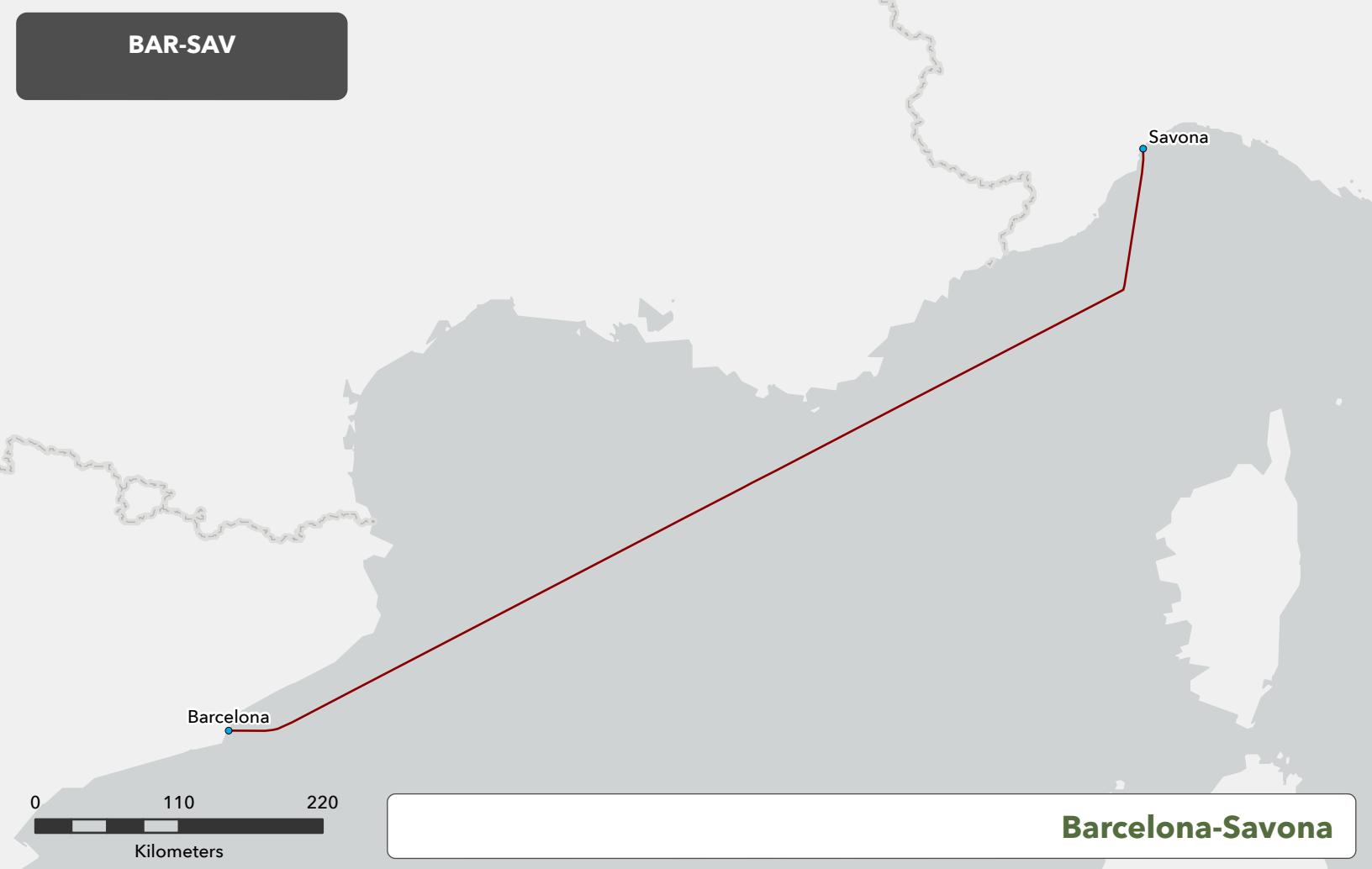


SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$31,000,000
Length (km)	1,634
Design Capacity (Tbps)	0.32
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Maroc Telecom of Morocco

LANDING POINTS

City	State/Province	Country
Asilah	Tanger-Tetouan-Al Hoceima	Morocco
Marseille	Provence-Alpes-Côte d'Azur	France



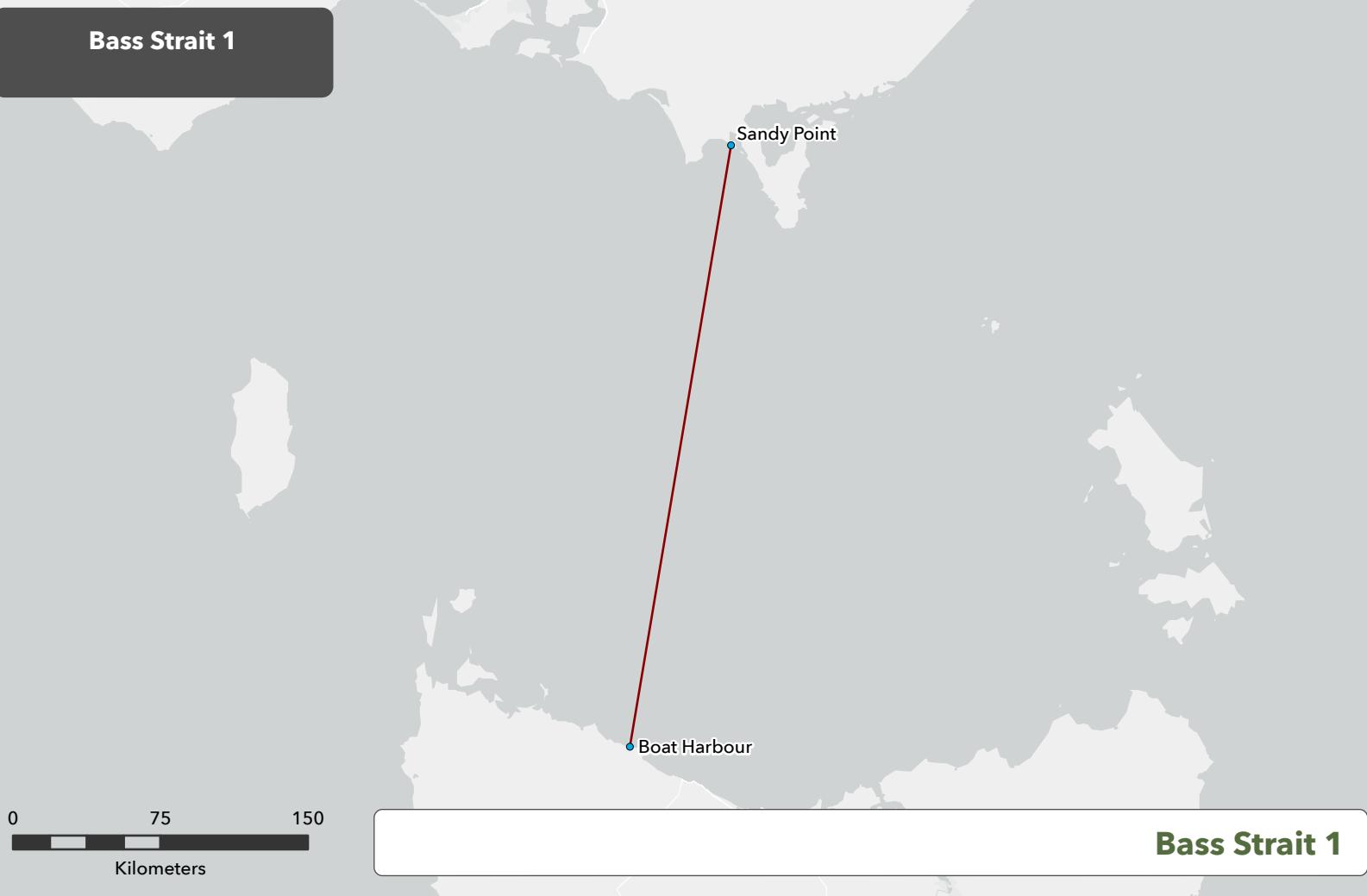
SYSTEM DETAILS

RFS Year	1996
EOS Year	2021
Est. System Cost (USD)	\$39,000,000
Length (km)	754
Design Capacity (Tbps)	0.005
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, Orange
Owner(s)	Telecom Italia, Telefonica

LANDING POINTS

City	State/Province	Country
Barcelona	Catalonia	Spain
Savona	Liguria	Italy

Bass Strait 1



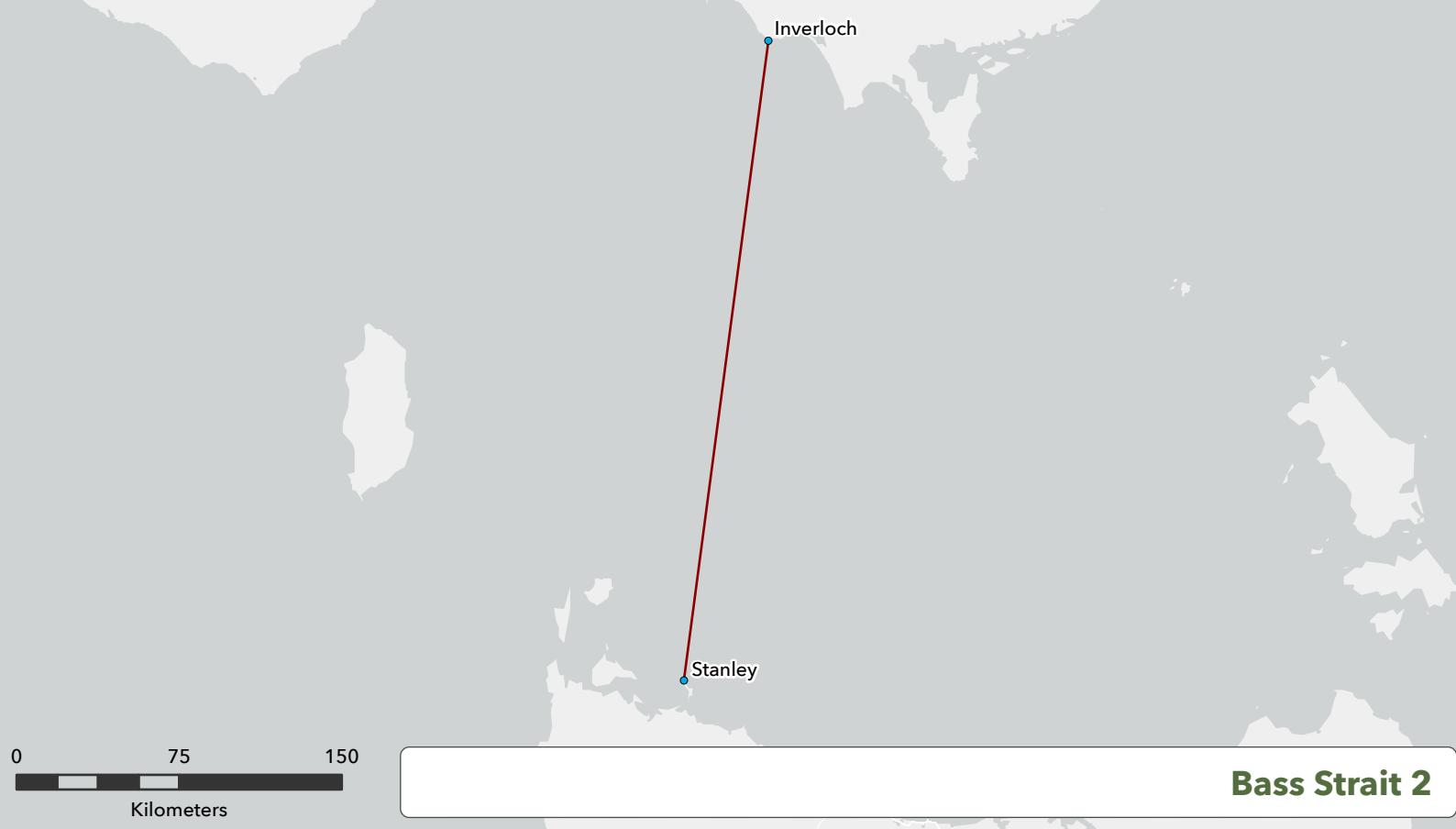
SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$22,500,000
Length (km)	241
Design Capacity (Tbps)	1
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Telstra

LANDING POINTS

City	State/Province	Country
Boat Harbour	Tasmania	Australia
Sandy Point	Victoria	Australia

Bass Strait 2



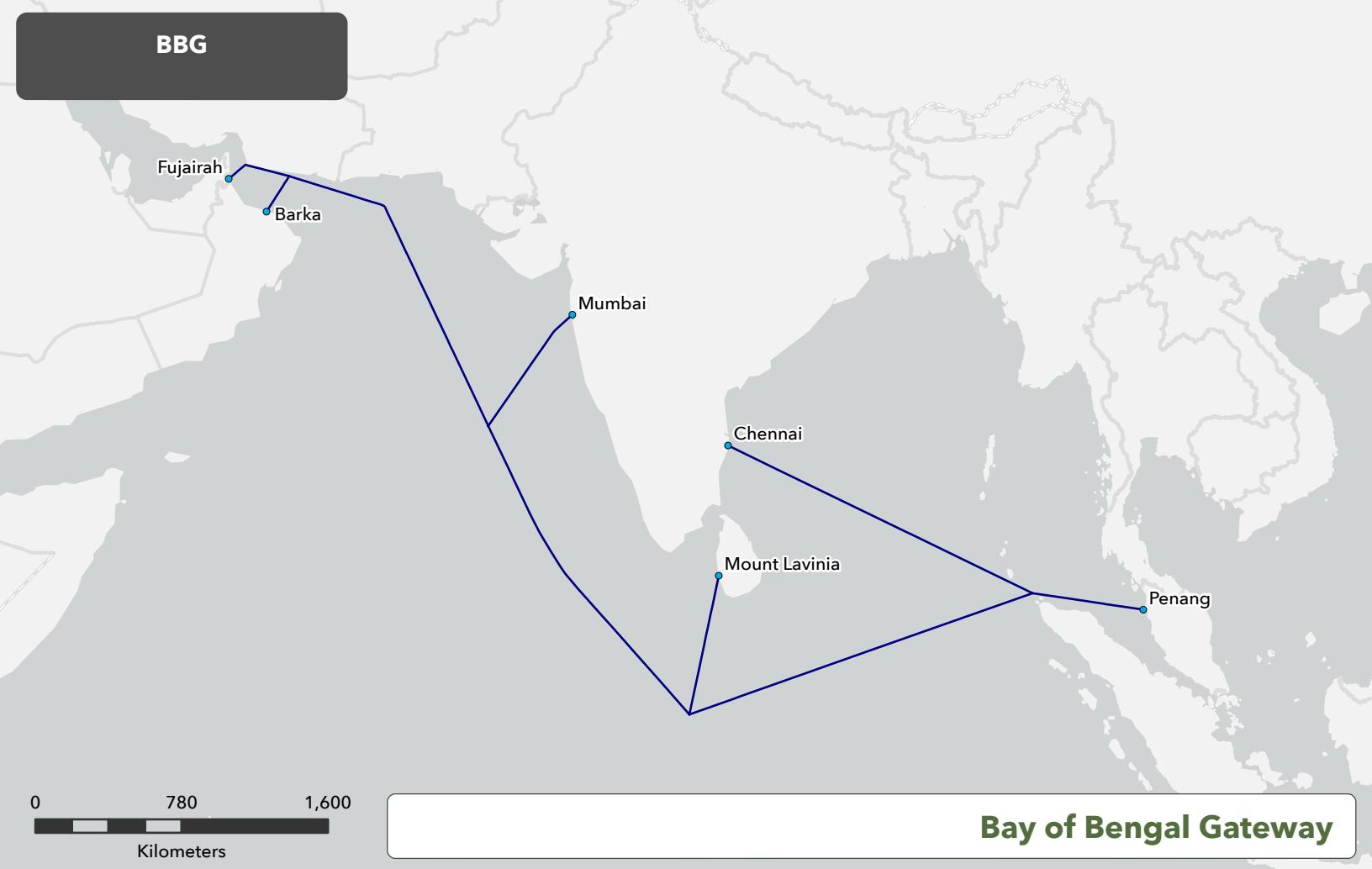
Bass Strait 2

SYSTEM DETAILS

RFS Year	2003
EOS Year	2028
Est. System Cost (USD)	\$17,000,000
Length (km)	240
Design Capacity (Tbps)	1
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Telstra

LANDING POINTS

City	State/Province	Country
Inverloch	Victoria	Australia
Stanley	Tasmania	Australia

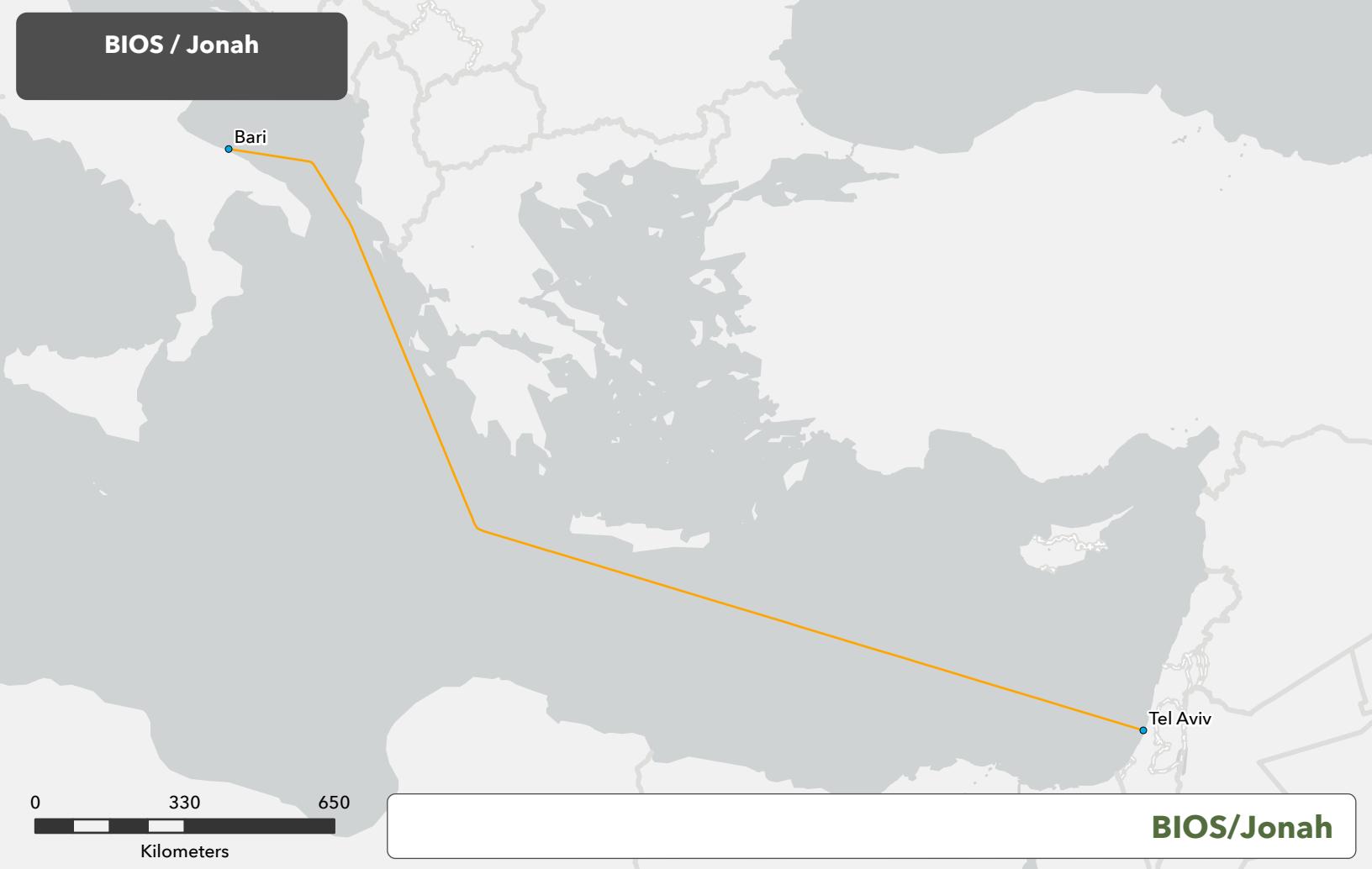


SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$25,000,000
Length (km)	8,040
Design Capacity (Tbps)	55
Fiber Pairs	3
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Not Available
Owner(s)	Bay of Bengal Consortium

LANDING POINTS

City	State/Province	Country
Barka	Al Bāṭinah	Oman
Chennai	Tamil Nadu	India
Fujairah	Fujairah	United Arab Emirates
Mount Lavinia	Western Province	Sri Lanka
Mumbai	Maharashtra	India
Penang	Penang	Malaysia

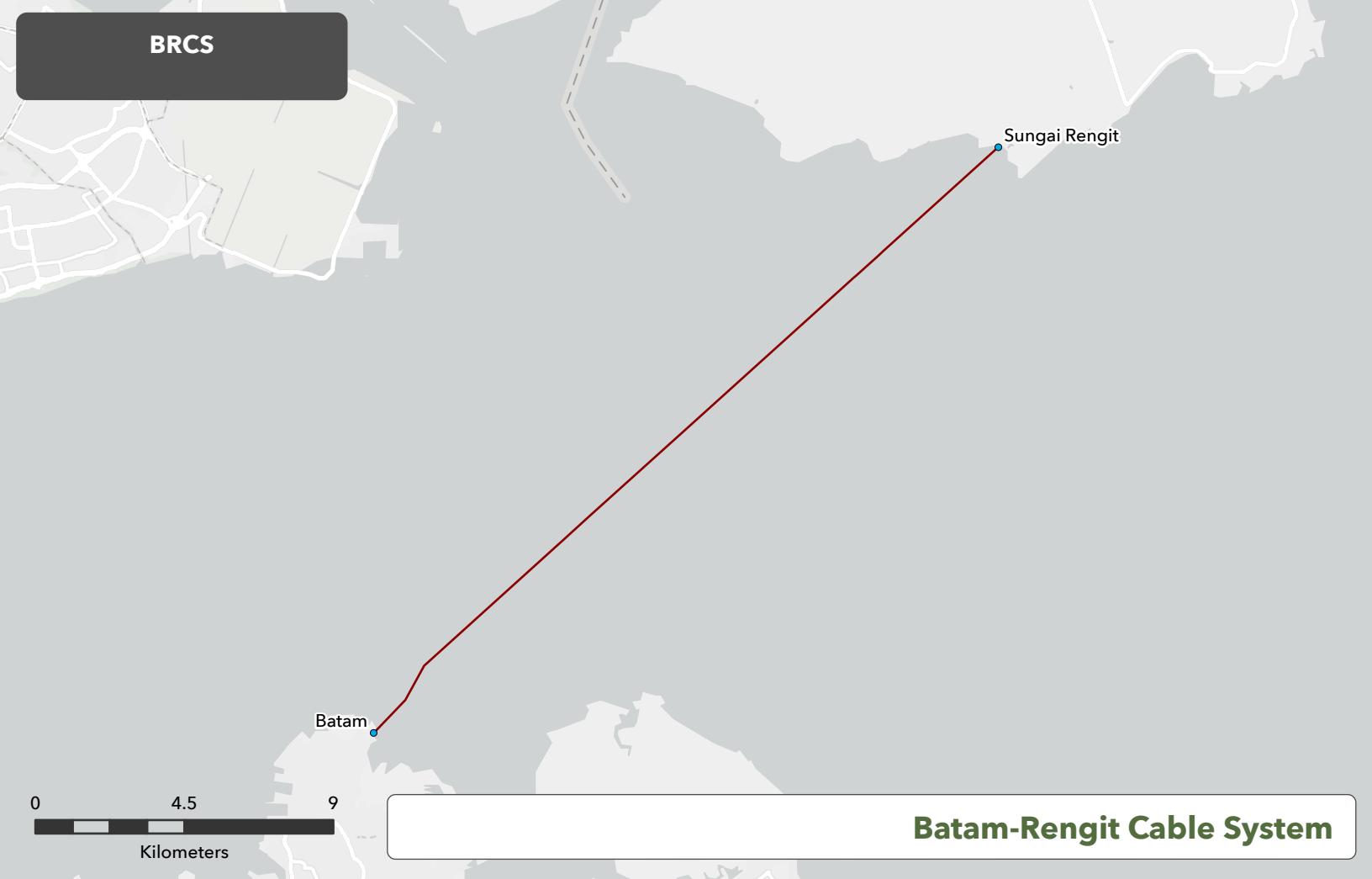


SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$15,000,000
Length (km)	2,300
Design Capacity (Tbps)	12.8
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Elettra
Owner(s)	Bezeq International Limited

LANDING POINTS

City	State/Province	Country
Bari	Apulia	Italy
Tel Aviv	Tel Aviv	Israel



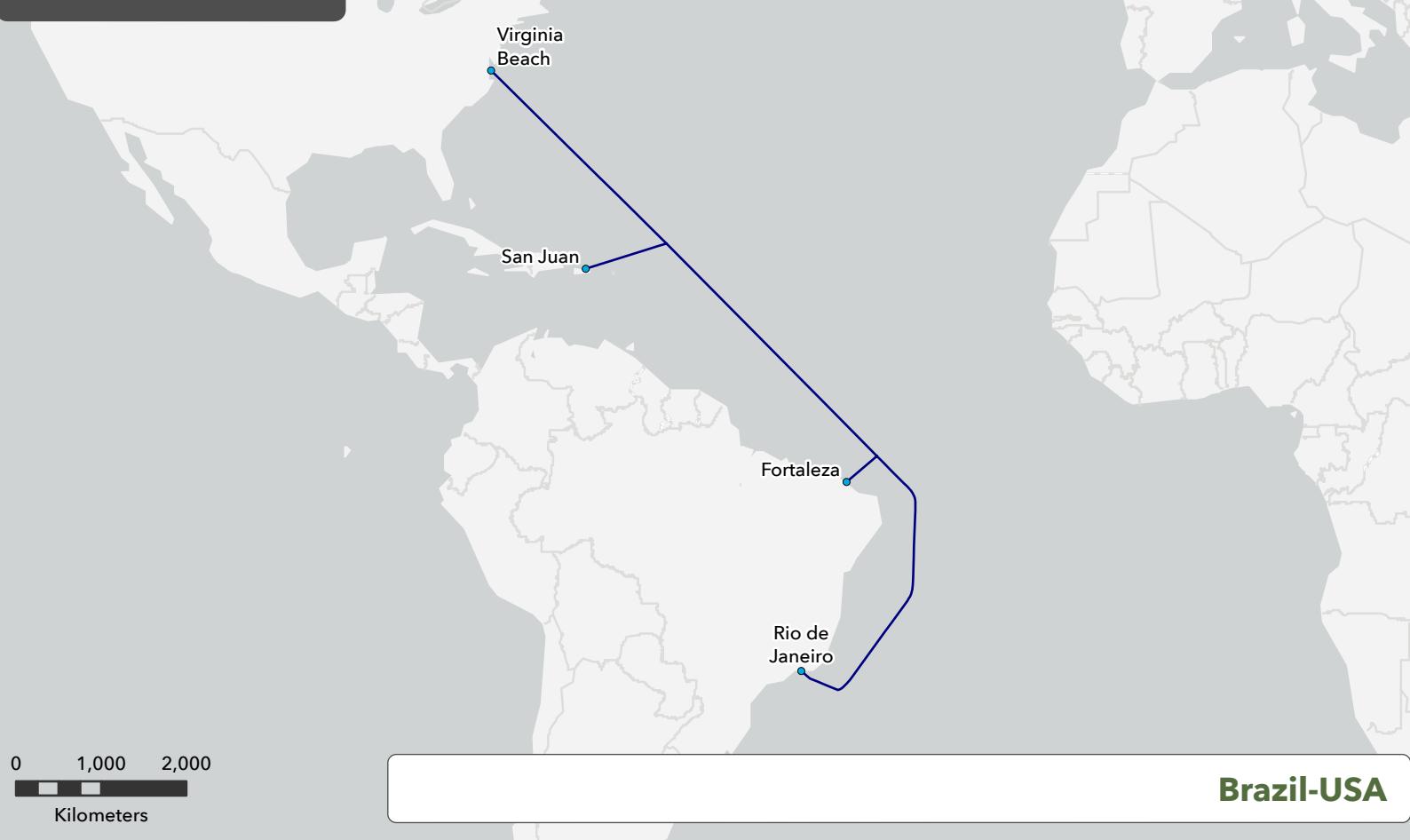
SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$10,000,000
Length (km)	63
Design Capacity (Tbps)	0.01
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Excelcom

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Sungai Rengit	Johor	Malaysia

BRUSA

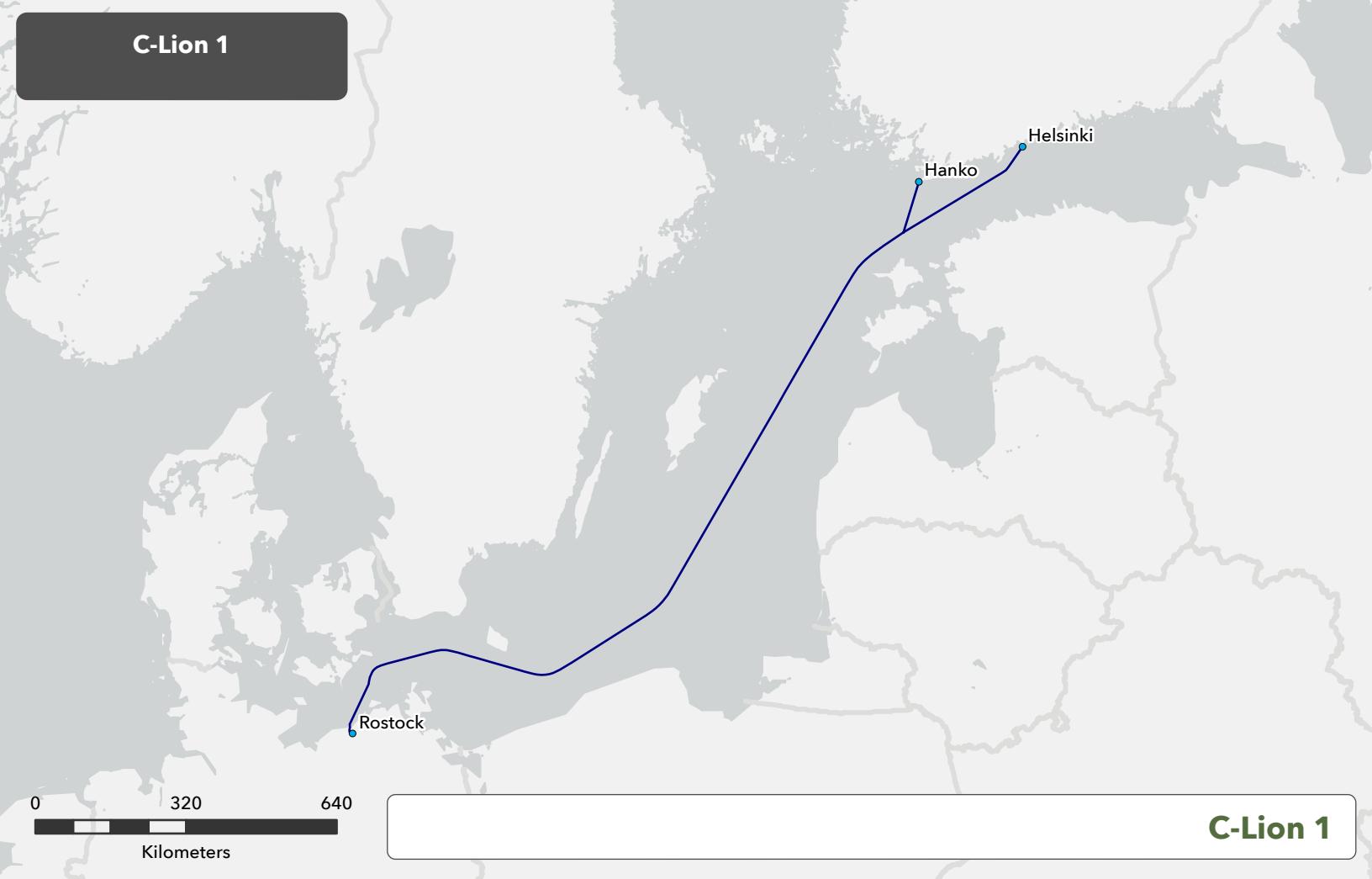


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$50,000,000
Length (km)	11,000
Design Capacity (Tbps)	160
Fiber Pairs	8
Wavelengths per Fiber Pair	135
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Telxius

LANDING POINTS

City	State/Province	Country
Fortaleza	Ceará	Brazil
Rio de Janeiro	Rio de Janeiro	Brazil
San Juan		Puerto Rico
Virginia Beach	Virginia	United States

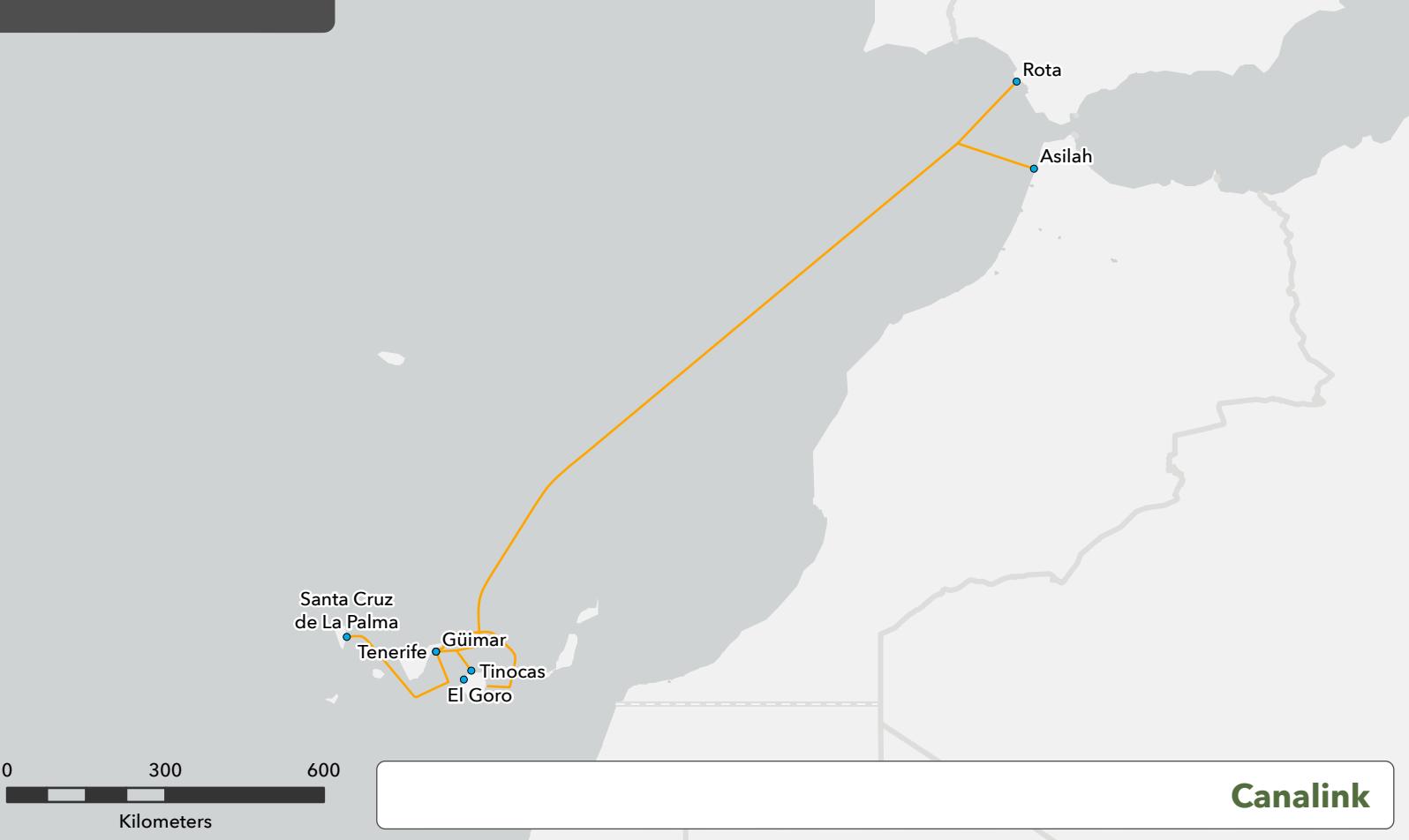


SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$74,000,000
Length (km)	1,172
Design Capacity (Tbps)	144
Fiber Pairs	8
Wavelengths per Fiber Pair	106
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Not Available
Owner(s)	Cinia Oy

LANDING POINTS

City	State/Province	Country
Hanko	Western Uusimaa	Finland
Helsinki	Uusimaa	Finland
Rostock	Mecklenburg-Vorpommern	Germany

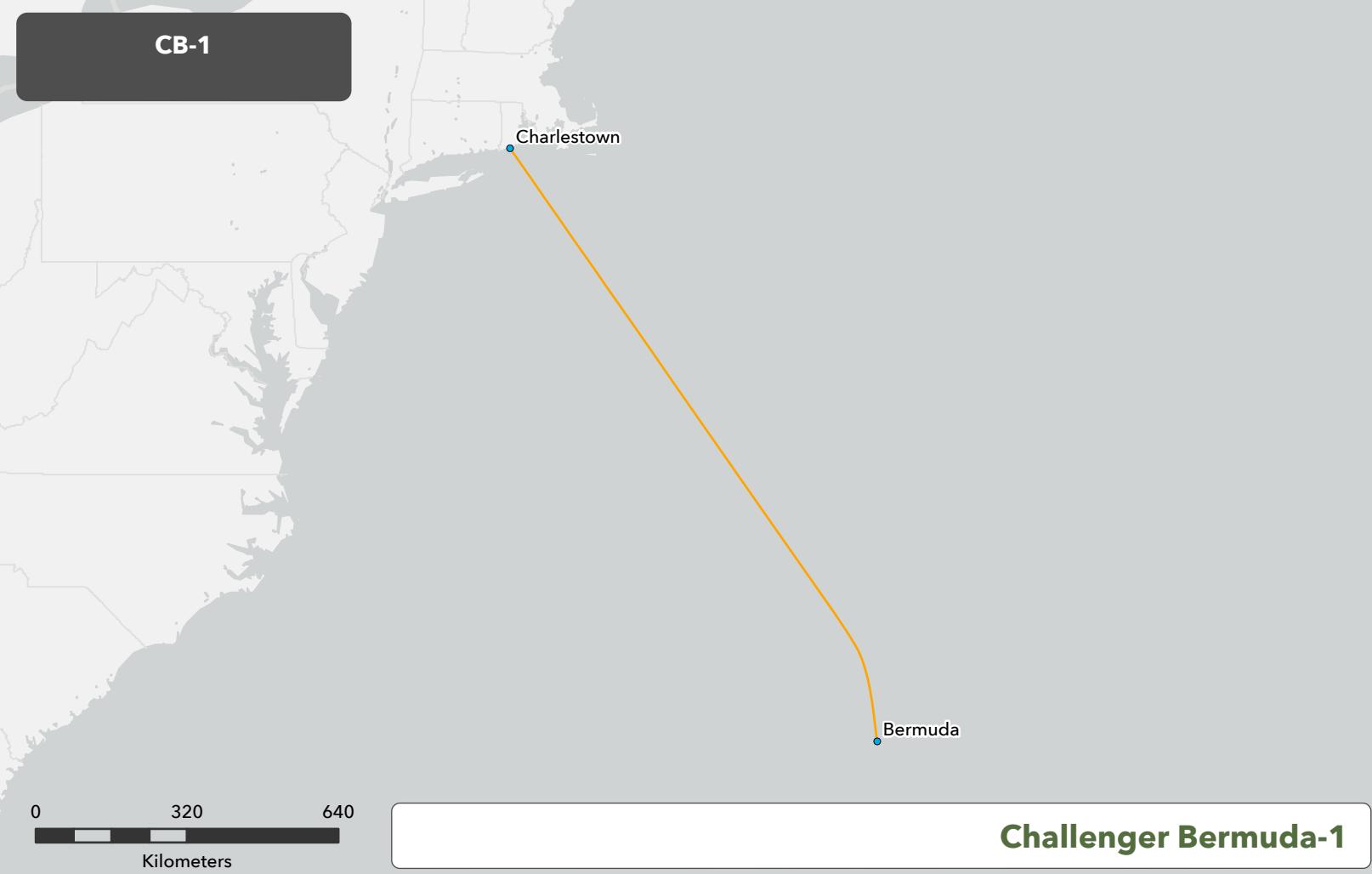


SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$15,700,000
Length (km)	2,000
Design Capacity (Tbps)	5.12
Fiber Pairs	4
Wavelengths per Fiber Pair	128
Capacity per Wavelength (Gbps)	10
System Supplier	ASN
System Installer	Elettra
Owner(s)	IT3

LANDING POINTS

City	State/Province	Country
Asilah	Tanger-Tetouan-Al Hoceima	Morocco
El Goro	Canary Islands	Spain
Güímar	Canary Islands	Spain
Rota	Cádiz	Spain
Santa Cruz de La Palma	Canary Islands	Spain
Tenerife	Canary Islands	Spain
Tinocas	Canary Islands	Spain

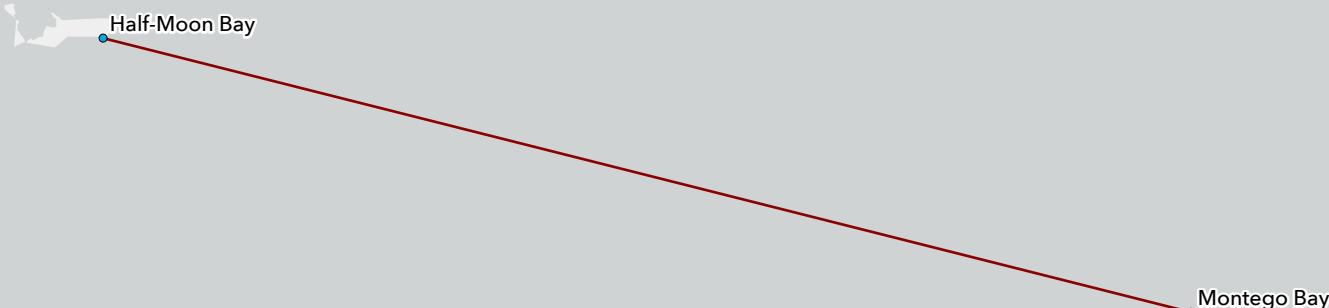


SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$50,000,000
Length (km)	1,448
Design Capacity (Tbps)	0.32
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Cable Company Ltd., Verizon

LANDING POINTS

City	State/Province	Country
Bermuda		Bermuda
Charlestown	Rhode Island	United States



Cayman Jamaica Fibre System

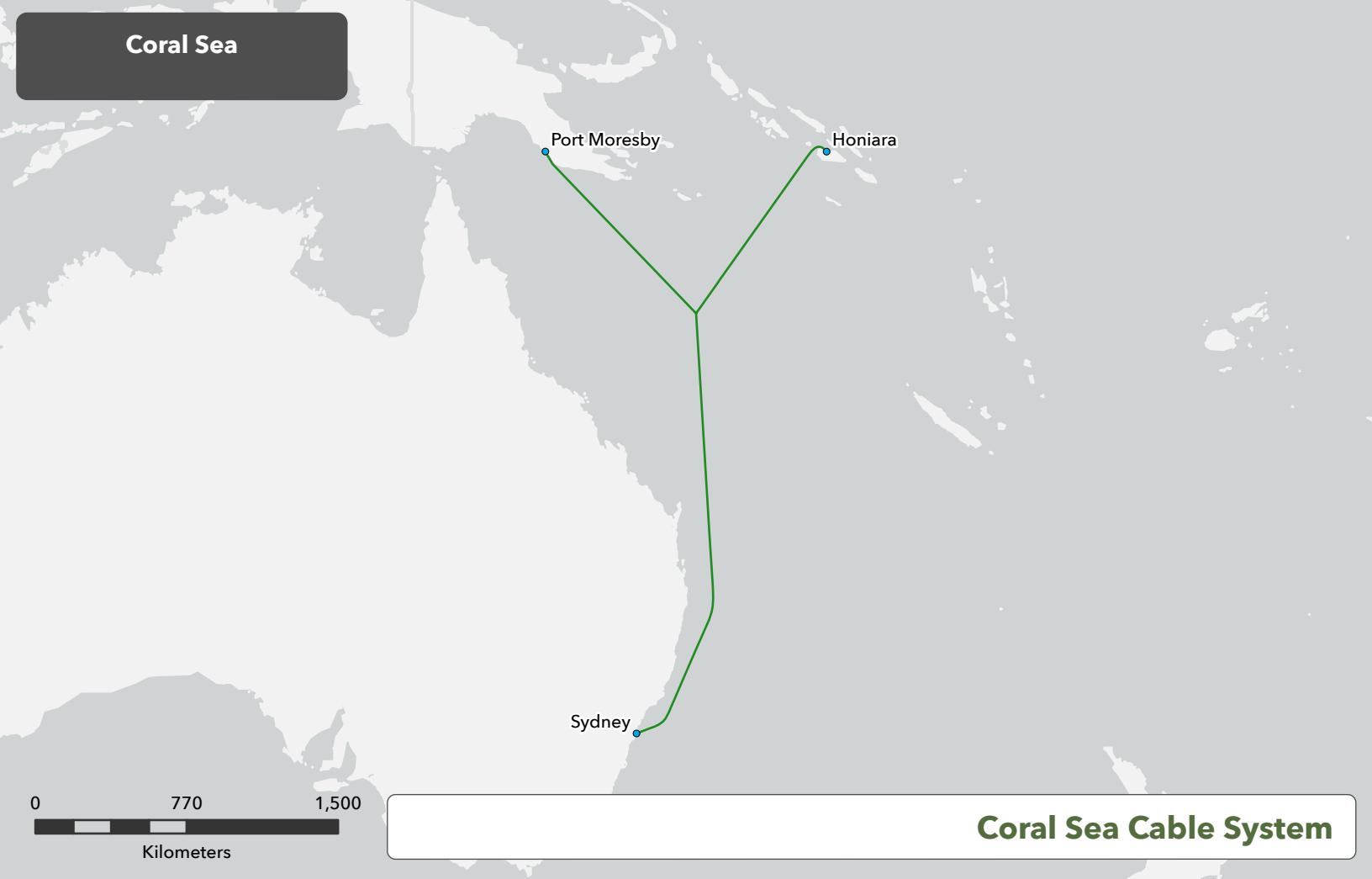
SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$6,500,000
Length (km)	870
Design Capacity (Tbps)	8.4
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	LIME

LANDING POINTS

City	State/Province	Country
Half-Moon Bay		Cayman Islands
Montego Bay	Saint James	Jamaica

Coral Sea

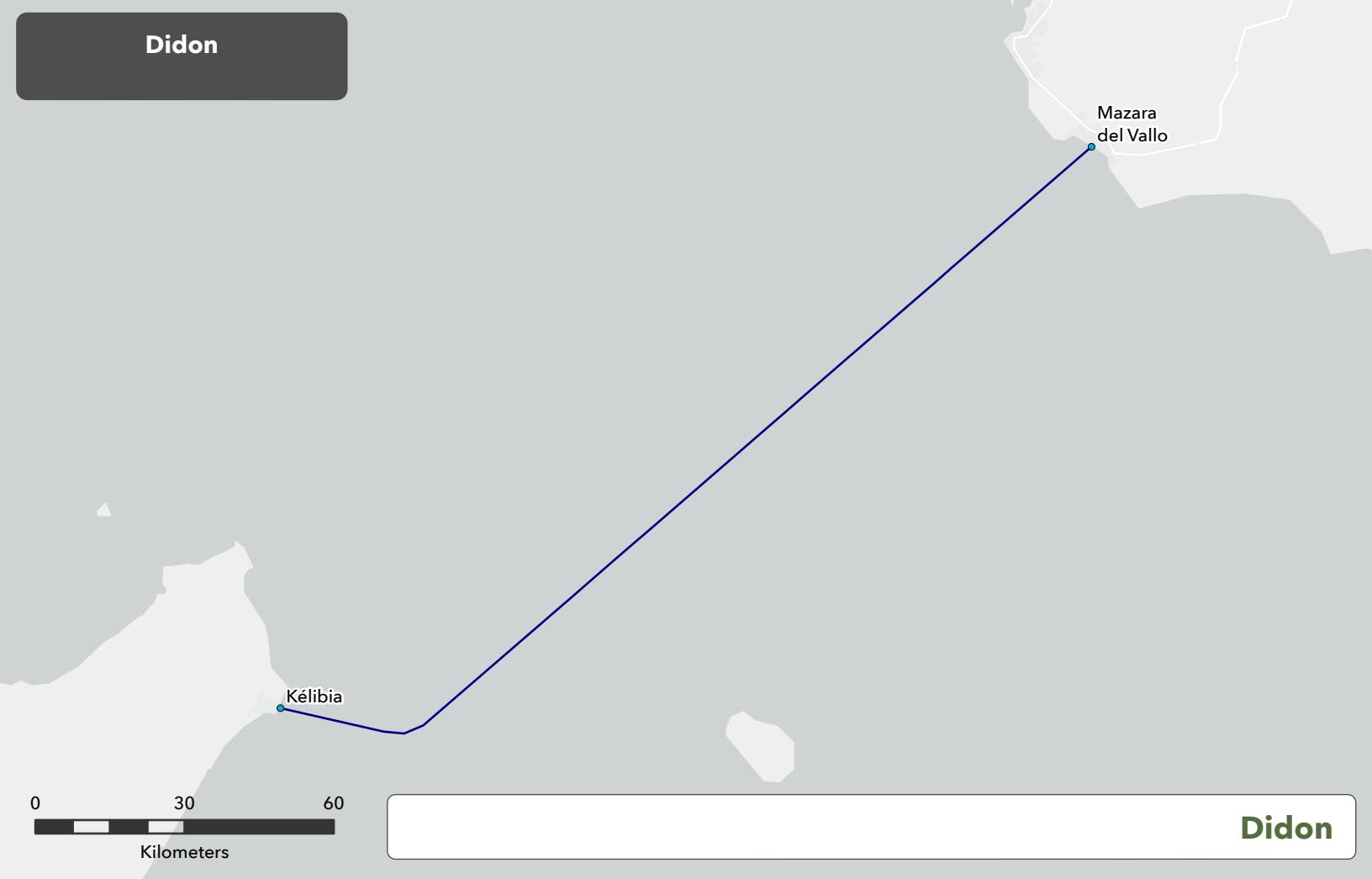


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$93,000,000
Length (km)	4,700
Design Capacity (Tbps)	20
Fiber Pairs	4
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, Vocus Communications
System Installer	ASN
Owner(s)	Papua New Guinea DataCo Limited, Solomon Submarine Cable Ltd.

LANDING POINTS

City	State/Province	Country
Honiara	Honiara City	Solomon Islands
Port Moresby	National Capital District	Papua New Guinea
Sydney	New South Wales	Australia



SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$15,000,000
Length (km)	173
Design Capacity (Tbps)	18
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Not Available
Owner(s)	FT

LANDING POINTS

City	State/Province	Country
Kélibia	Nabeul	Tunisia
Mazara del Vallo	Sicily	Italy



SYSTEM DETAILS

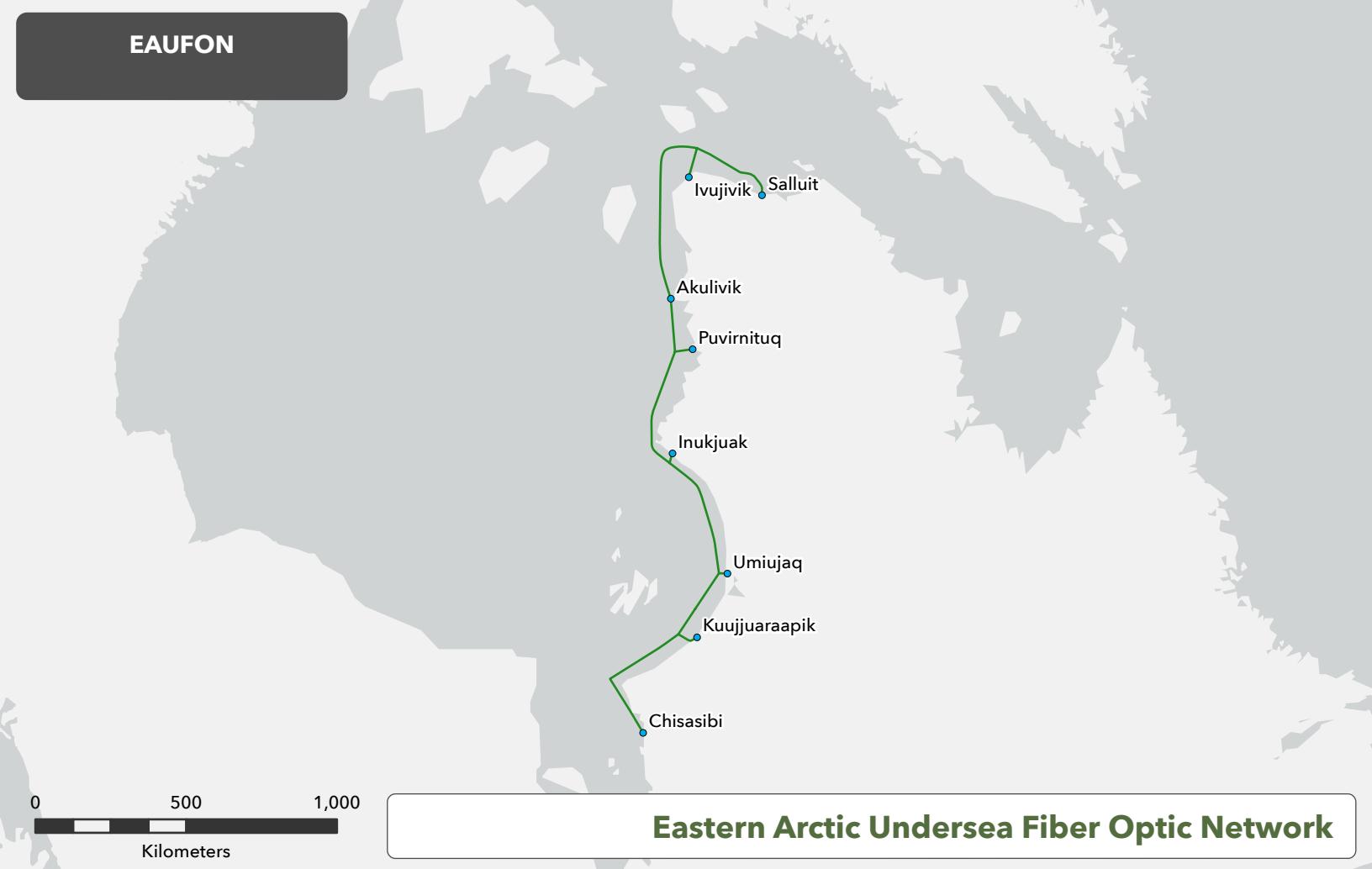
RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$24,700,000
Length (km)	9,900
Design Capacity (Tbps)	36
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN

System Installer	Not Available
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Owner(s)	Bharti Airtel Limited, Botswana Telecommunications Corporation, BT, Comores Telecom, Djibouti Telecom, Etisalat, FT, MTN Group, Neotel, Saudi Telecom Company, SPV2, Sudan Telecom Limited, Sudatel, Tanzania Telecommunications Company Limited, WIOCC
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LANDING POINTS

City	State/Province	Country
Dar es Salaam	Dar es Salaam	Tanzania
Maputo	Maputo	Mozambique
Mogadishu	Banaadir	Somalia
Mombasa	Mombasa	Kenya
Moroni	Grande Comore	Comoros
Mtunzini	KwaZulu-Natal	South Africa
Port Sudan	Red Sea State	Sudan
Toliara	Atsimo-Andrefana	Madagascar



SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$25,000,000
Length (km)	1,800
Design Capacity (Tbps)	30
Fiber Pairs	6
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Kativik Regional Government

LANDING POINTS

City	State/Province	Country
Akulivik	Kativik	Canada
Chisasibi	Kativik	Canada
Inukjuak	Kativik	Canada
Ivujivik	Kativik	Canada
Kuujjuaapik	Kativik	Canada
Puvirnituq	Kativik	Canada
Salluit	Kativik	Canada
Umiujaq	Kativik	Canada



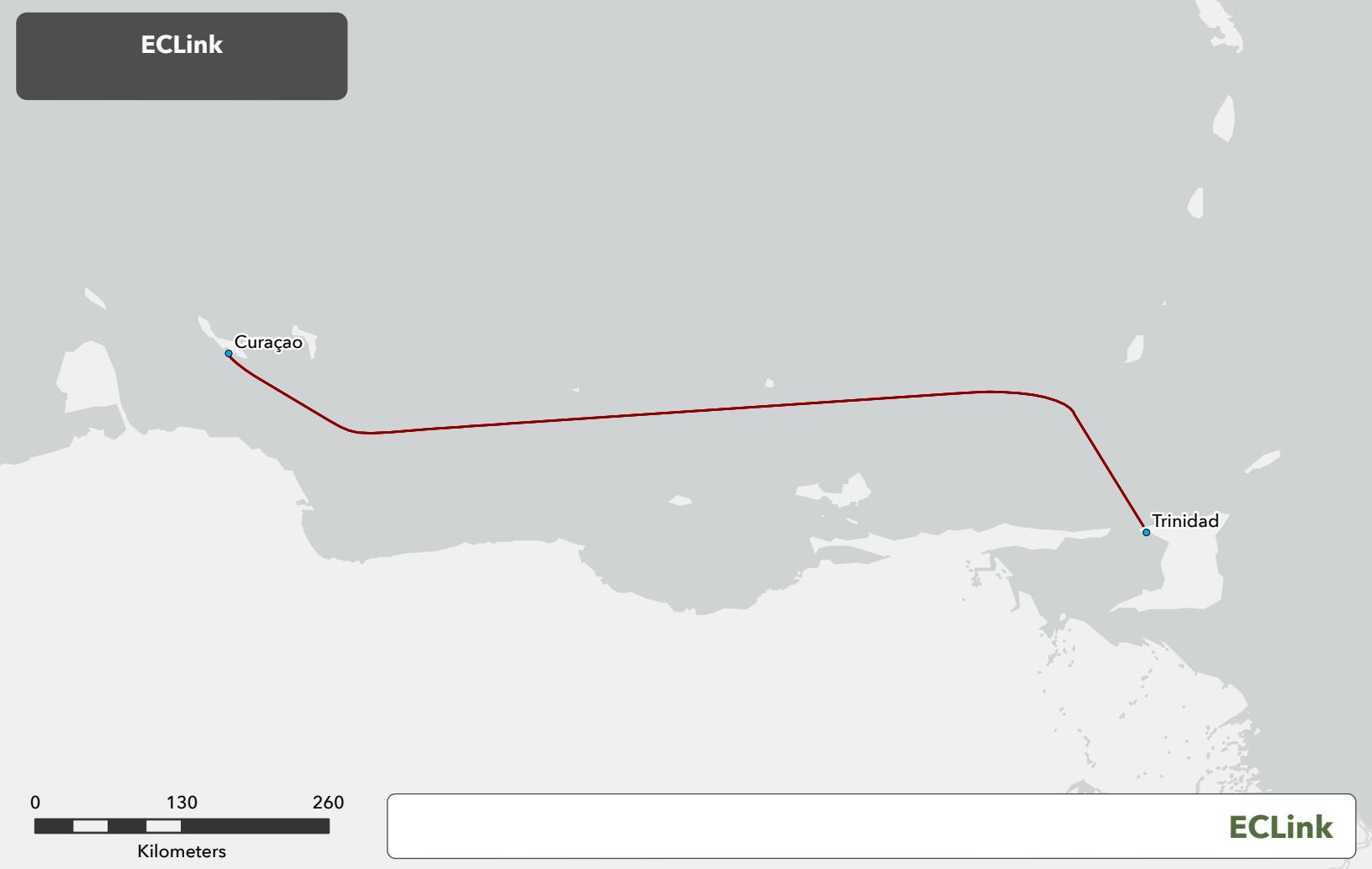
East Caribbean Fiber System

SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$56,000,000
Length (km)	1,875
Design Capacity (Tbps)	1.1
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, C&W
Owner(s)	BET, C&W, FT, TSTT

LANDING POINTS

City	State/Province	Country
Anguilla		Anguilla
Baillif	Guadeloupe	France
Basseterre	Saint Kitts	St. Kitts and Nevis
Bridgetown	Saint Michael Parish	Barbados
Canefield	St. Paul Parish	Dominica
Castries	Castries	St. Lucia
Dickenson Bay		Antigua and Barbuda
Kingstown		St. Vincent and the Grenadines
La Lamentin	Martinique	France
Macqueripe	Diego Martin	Trinidad and Tobago
Montserrat		Montserrat
Port Salines		Grenada
St. Martin	Guadeloupe	France
Tortola		British Virgin Islands



0 130 260
Kilometers

ECLink

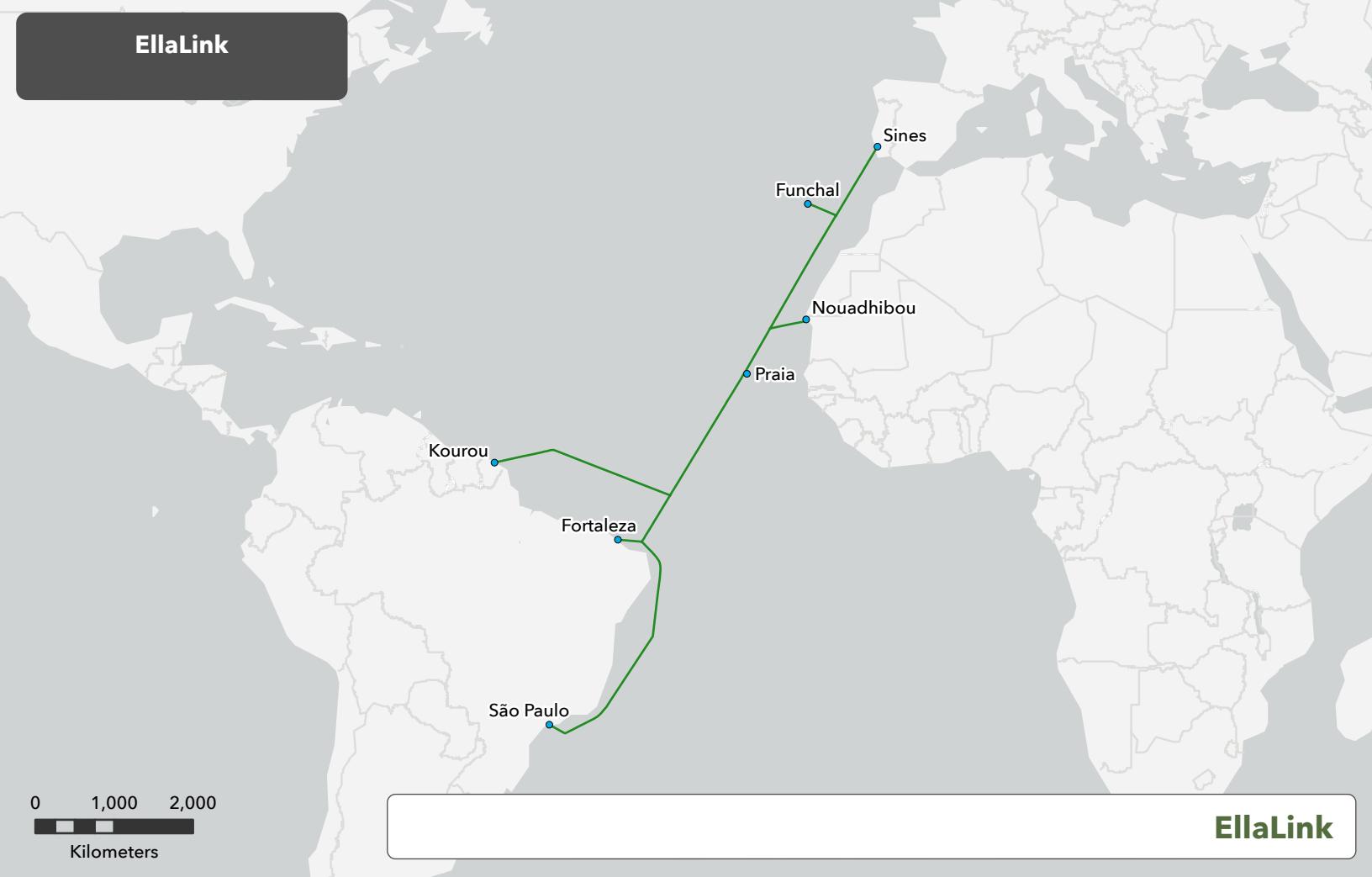
SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$31,000,000
Length (km)	1,240
Design Capacity (Tbps)	7.2
Fiber Pairs	12
Wavelengths per Fiber Pair	60
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, SubCom

LANDING POINTS

City	State/Province	Country
Curaçao		Curaçao
Trinidad	Trinidad	Trinidad and Tobago

System Installer	SubCom
Owner(s)	ASN, C&W, Columbus Networks, New World Network



SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$20,000,000
Length (km)	9,300
Design Capacity (Tbps)	72
Fiber Pairs	4
Wavelengths per Fiber Pair	120
Capacity per Wavelength (Gbps)	150
System Supplier	ASN
System Installer	ASN
Owner(s)	Cabo Verde Telecom (CVT), EllaLink

LANDING POINTS

City	State/Province	Country
Fortaleza	Ceará	Brazil
Funchal	Madeira	Portugal
Kourou	French Guiana	France
Nouadhibou	Dakhlet Nouadhibou	Mauritania
Praia	Praia	Cape Verde
São Paulo	São Paulo	Brazil
Sines	Setúbal	Portugal



SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$22,812,500
Length (km)	9,125
Design Capacity (Tbps)	1.28
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Telstra

LANDING POINTS

City	State/Province	Country
Keawaula	Hawaii	United States
Sydney	New South Wales	Australia

Equiano



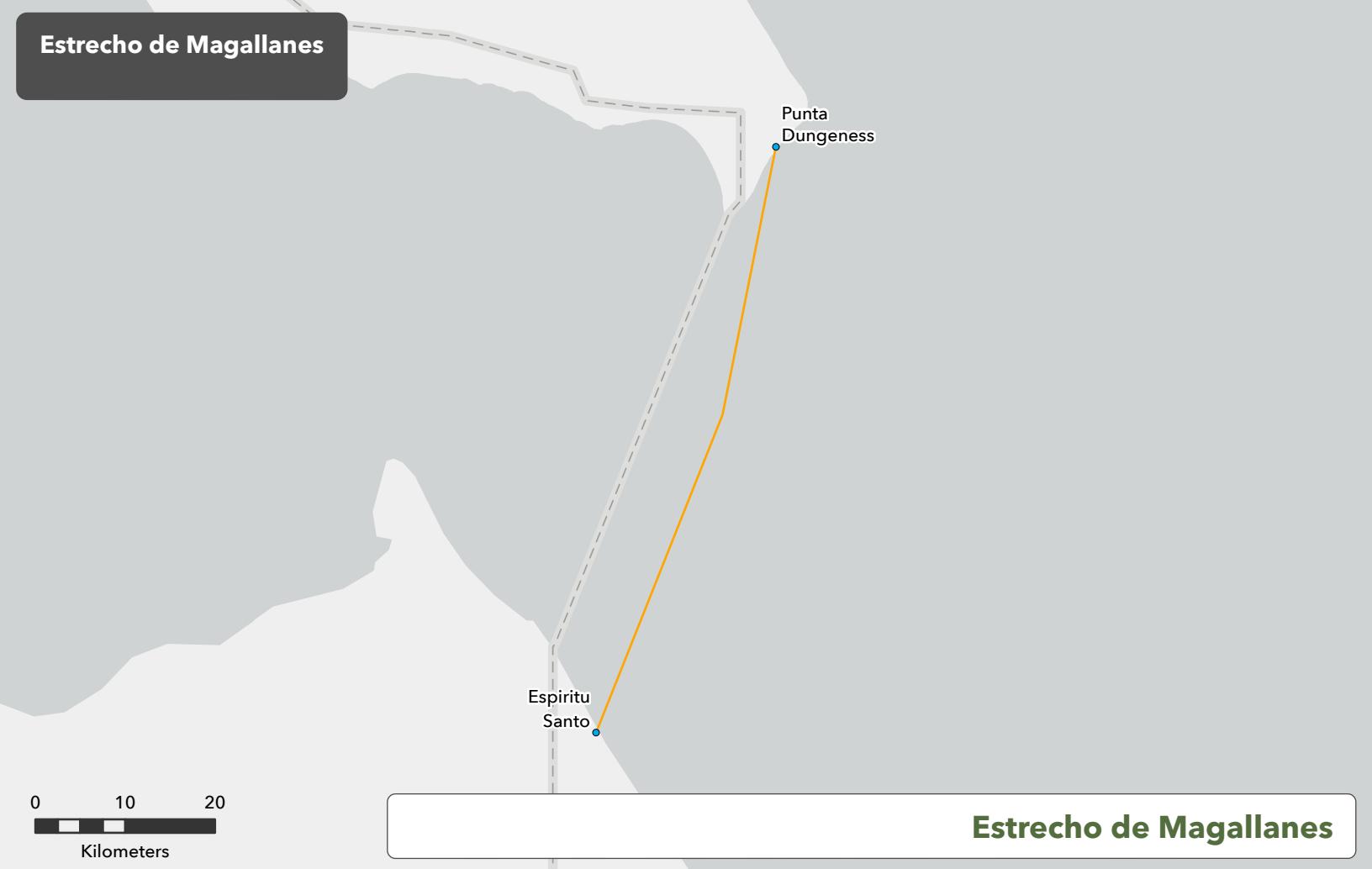
SYSTEM DETAILS

RFS Year	2023
EOS Year	2049
Est. System Cost (USD)	\$37,500,000
Length (km)	15,000
Design Capacity (Tbps)	144
Fiber Pairs	12
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Google, Liquid Intelligent Technologies

LANDING POINTS

City	State/Province	Country
Lagos	Lagos	Nigeria
Lome	Golfe	Togo
Melkbosstrand	Western Cape	South Africa
Sesimbra	Lisbon	Portugal

Estrecho de Magallanes

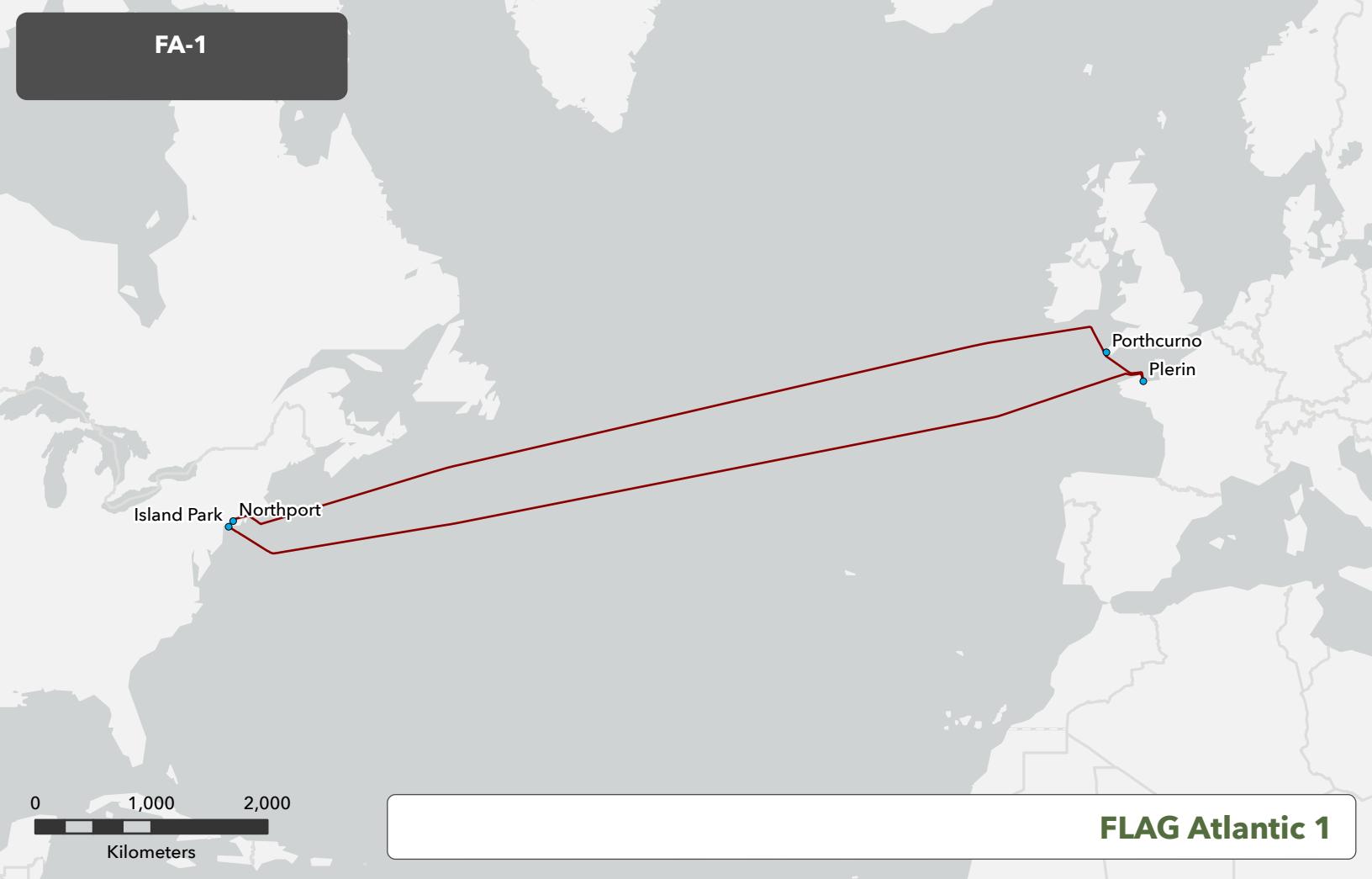


SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$5,000,000
Length (km)	37
Design Capacity (Tbps)	1.8
Fiber Pairs	18
Wavelengths per Fiber Pair	1
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN, Boskalis
Owner(s)	AR-SAT

LANDING POINTS

City	State/Province	Country
Espiritu Santo	Tierra del Fuego, Antártida	Argentina
Punta Dungeness		Argentina

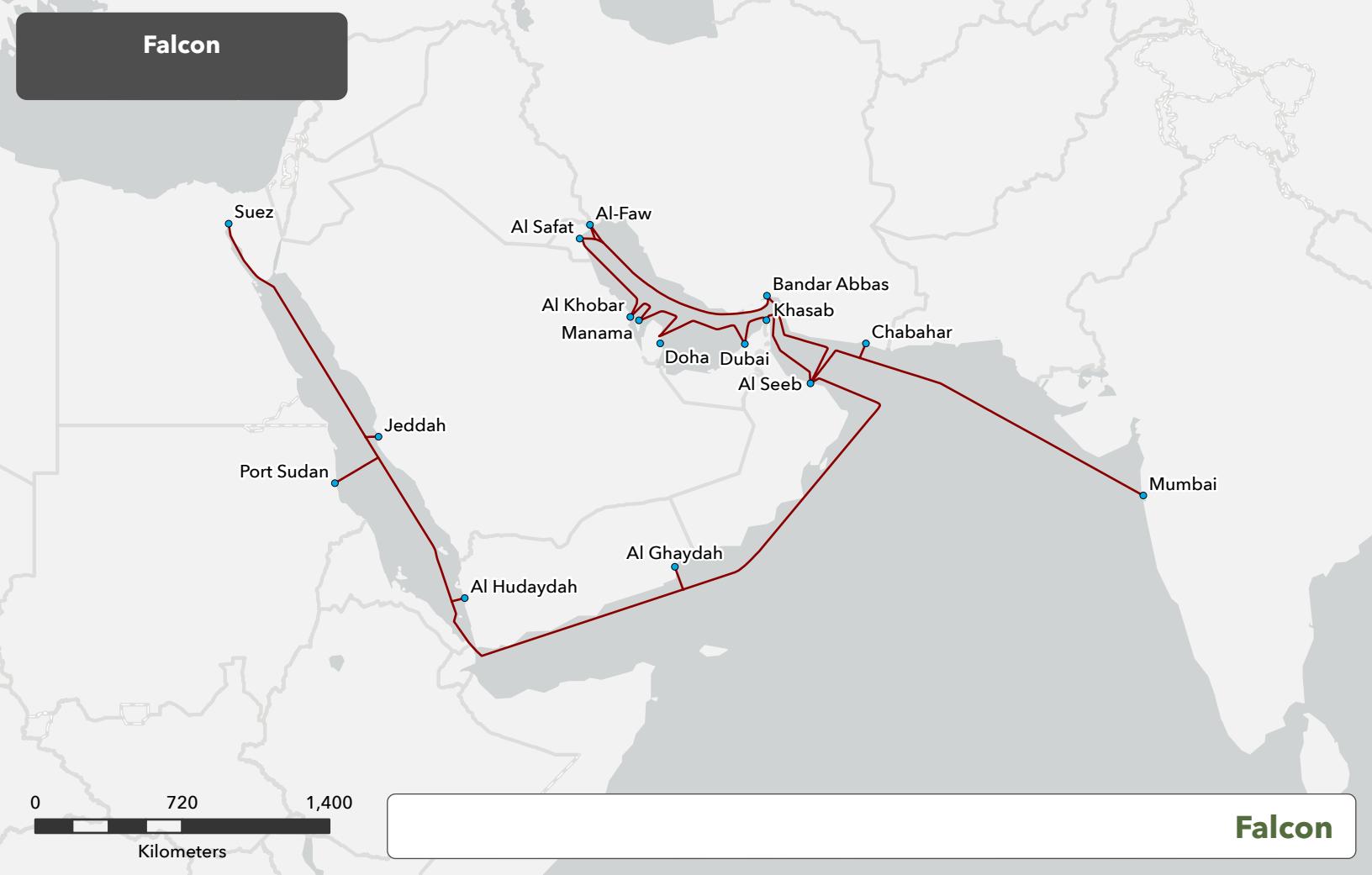


SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$90,000,000
Length (km)	14,491
Design Capacity (Tbps)	24
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, Orange
Owner(s)	Global Cloud Xchange

LANDING POINTS

City	State/Province	Country
Island Park	New York	United States
Northport	New York	United States
Plerin	Brittany	France
Porthcurno	England	United Kingdom

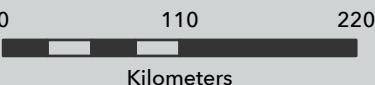
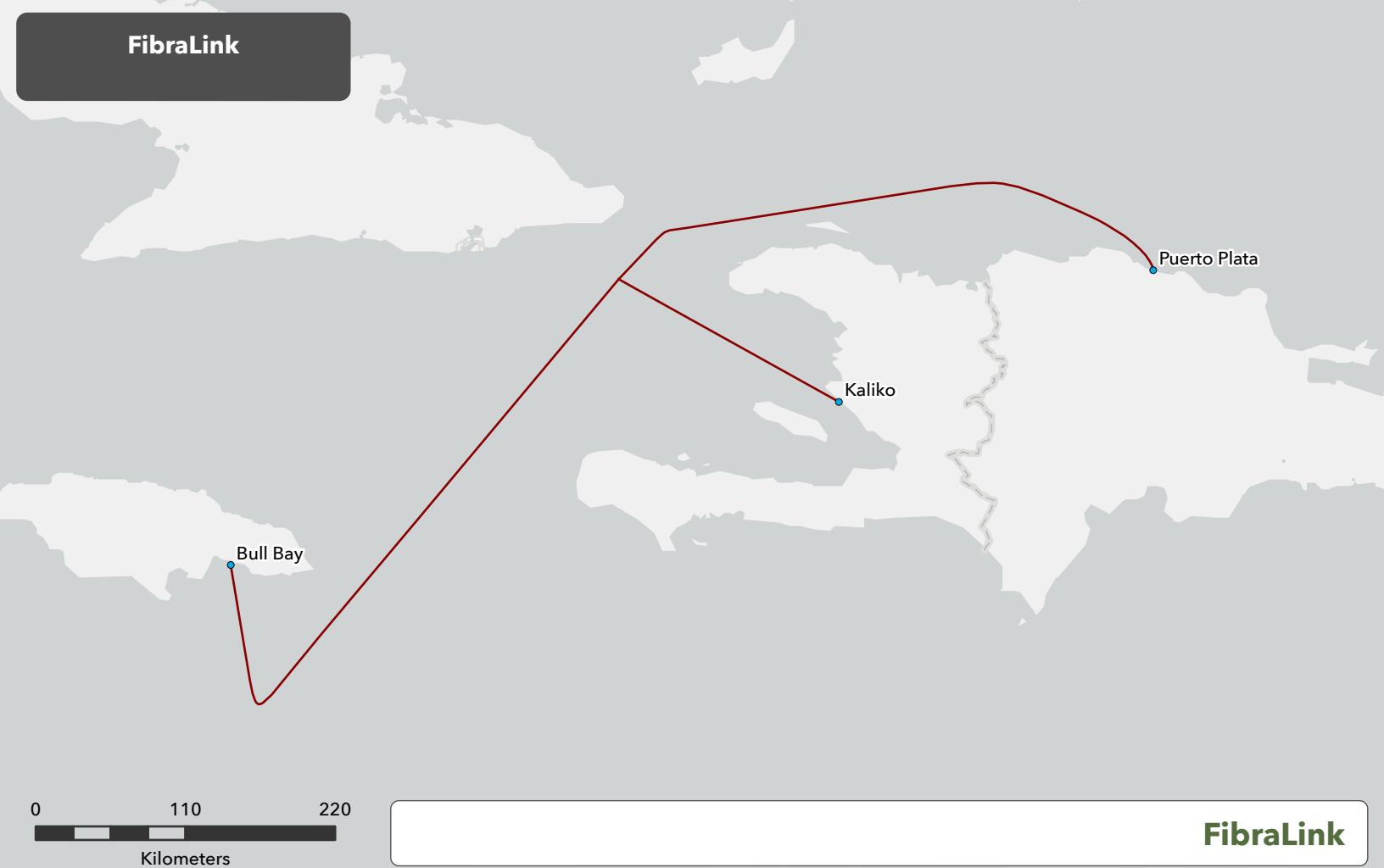


SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$90,000,000
Length (km)	12,357
Design Capacity (Tbps)	2.56
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Global Cloud Xchange

LANDING POINTS

City	State/Province	Country
Al Ghaydah	Al Mahrah	Yemen
Al Hudaydah	Al Hudaydah	Yemen
Al Khobar	Eastern Province	Saudi Arabia
Al Safat	Kuwait City	Kuwait
Al Seeb	Muscat	Oman
Al-Faw	Al-Faw	Iraq
Bandar Abbas	Hormozgan	Iran
Chabahar	Sistan and Baluchestan	Iran
Doha	Doha	Qatar
Dubai	Dubai	United Arab Emirates
Jeddah	Mecca	Saudi Arabia
Khasab	Musandam	Oman
Manama	Capital Governorate	Bahrain
Mumbai	Maharashtra	India
Port Sudan	Red Sea State	Sudan
Suez	Suez Governorate	Egypt



FibraLink

SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$30,000,000
Length (km)	2,438
Design Capacity (Tbps)	7.2
Fiber Pairs	3
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	IT International Telecom
Owner(s)	ASN, C&W, Columbus Networks

LANDING POINTS

City	State/Province	Country
Bull Bay	Saint Andrew	Jamaica
Kaliko	Kaliko Mapou Bar	Haiti
Puerto Plata	Puerto Plata	Dominican Republic



SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$10,000,000
Length (km)	400
Design Capacity (Tbps)	4
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, Orange
Owner(s)	Congo Telecom, Orange, Société Réunionnaise du Radiotéléphone

LANDING POINTS

City	State/Province	Country
Kaweni	Grande-Terre	Mayotte
Moroni	Grande Comore	Comoros



SYSTEM DETAILS

RFS Year	2022
EOS Year	2027
Est. System Cost (USD)	\$42,000,000
Length (km)	1,515
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN

System Installer	ASN, Orange
Owner(s)	OPT New Caledonia

LANDING POINTS

City	State/Province	Country
Mont-Dore		New Caledonia
Nouville	Nouméa	New Caledonia
Ouémo	Nouméa	New Caledonia
Suva	Rewa	Fiji
Tadine	Maré	New Caledonia
Vao	Idle of Pines	New Caledonia
Wé	Loyalty Islands Province	New Caledonia
Yaté	South Province	New Caledonia

**SYSTEM DETAILS**

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$17,520,000
Length (km)	1,926
Design Capacity (Tbps)	5
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Global Caribbean Network

LANDING POINTS

City	State/Province	Country
Baillif	Guadeloupe	France
Jarry	Guadeloupe	France
Saint Barthelemy	Guadeloupe	France
San Juan		Puerto Rico
	St. Croix	U.S. Virgin Islands
St. Martin	Guadeloupe	France



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Kilometers

Globacom-1

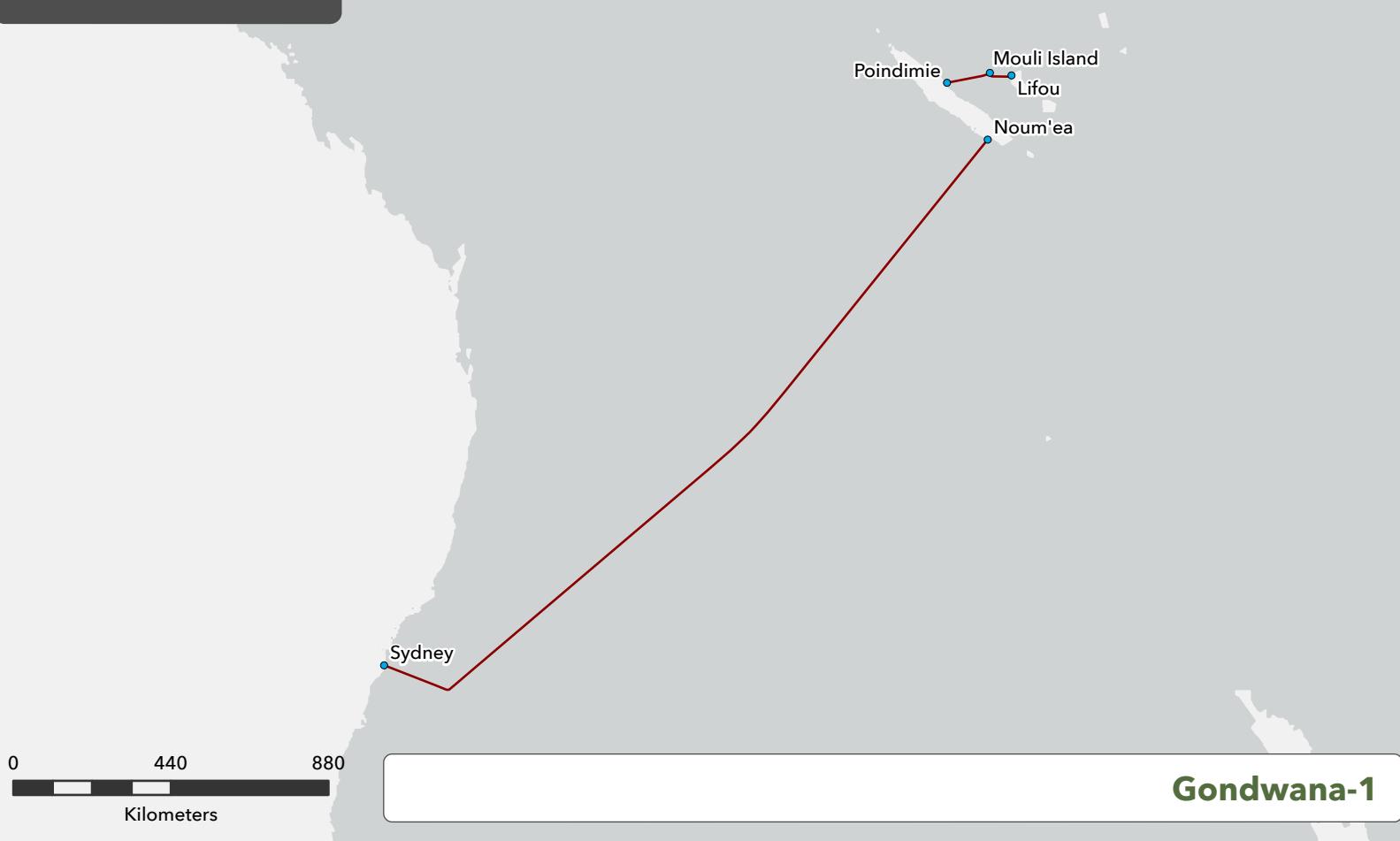
SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$26,000,000
Length (km)	8,717
Design Capacity (Tbps)	2.5
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, IT International Telecom
Owner(s)	Globalcom Ltd.

LANDING POINTS

City	State/Province	Country
Accra	Greater Accra Region	Ghana
Bude	England	United Kingdom
Casablanca	Casablanca-Settat	Morocco
Dakar	Dakar	Senegal
Lagos	Lagos	Nigeria
Nouakchott	Nouakchott-Sud	Mauritania
Sesimbra	Lisbon	Portugal
Vigo	Pontavedra	Spain

Gondwana-1



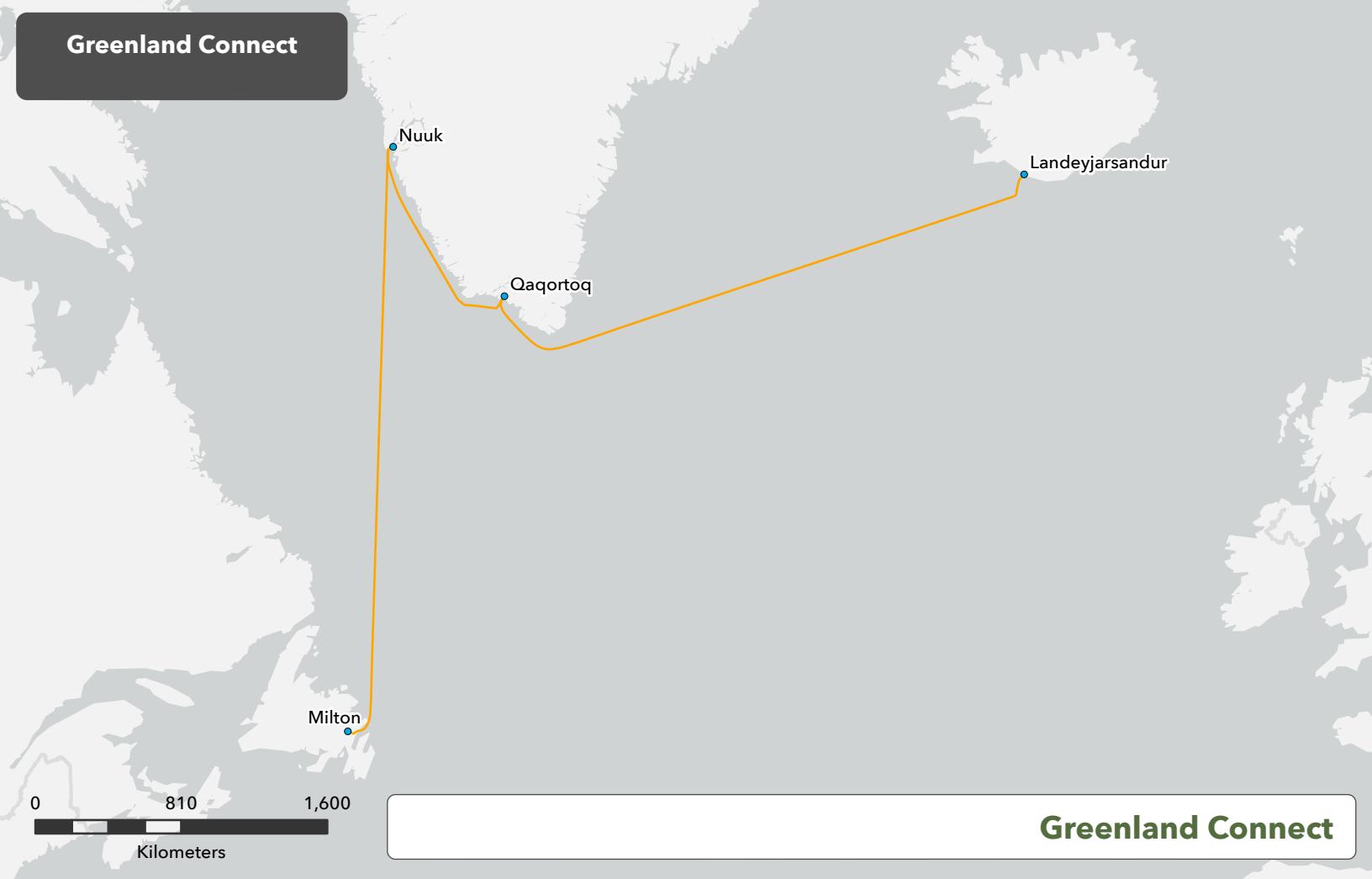
SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$57,500,000
Length (km)	2,152
Design Capacity (Tbps)	0.64
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	OPT New Caledonia

LANDING POINTS

City	State/Province	Country
Lifou		New Caledonia
Mouli Island		New Caledonia
Nouméa	Southern Province	New Caledonia
Poindimie		New Caledonia
Sydney	New South Wales	Australia

Greenland Connect



SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$12,600,000
Length (km)	4,733
Design Capacity (Tbps)	12.8
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Elettra
Owner(s)	Tele Greenland

LANDING POINTS

City	State/Province	Country
Landeyjarsandur	Southern Region	Iceland
Milton	Newfoundland and	Canada
Nuuk	Sermersooq	Greenland
Qaqortoq	Kujalleq	Greenland



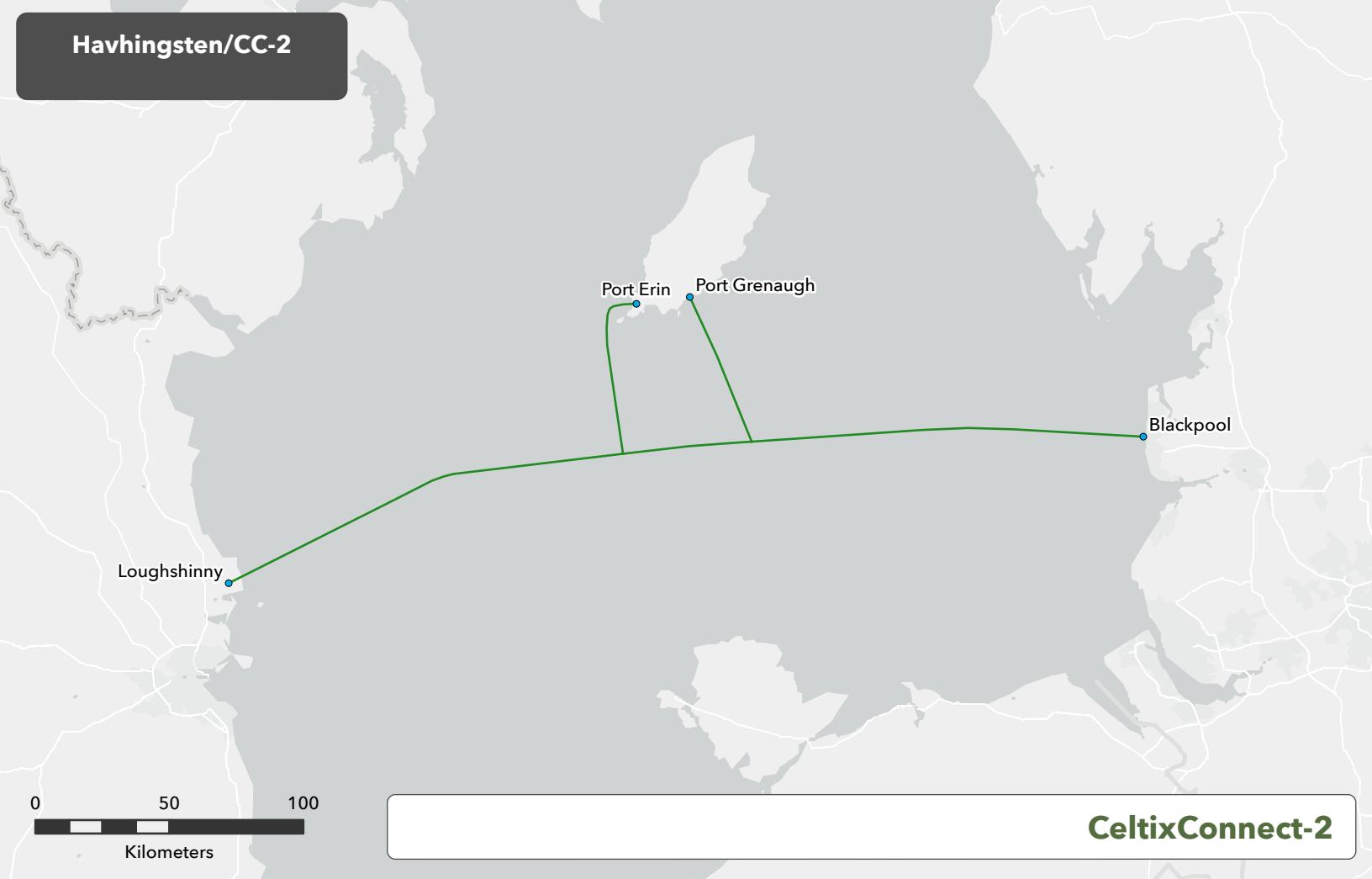
Greenland Connect North

SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$80,000,000
Length (km)	673
Design Capacity (Tbps)	4.8
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	30
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Tele Greenland

LANDING POINTS

City	State/Province	Country
Aasiaat	Qeqertalik	Greenland
Maniitsoq	Qeqqata	Greenland
Nuuk	Sermersooq	Greenland
Sisimiut	Qeqqata	Greenland

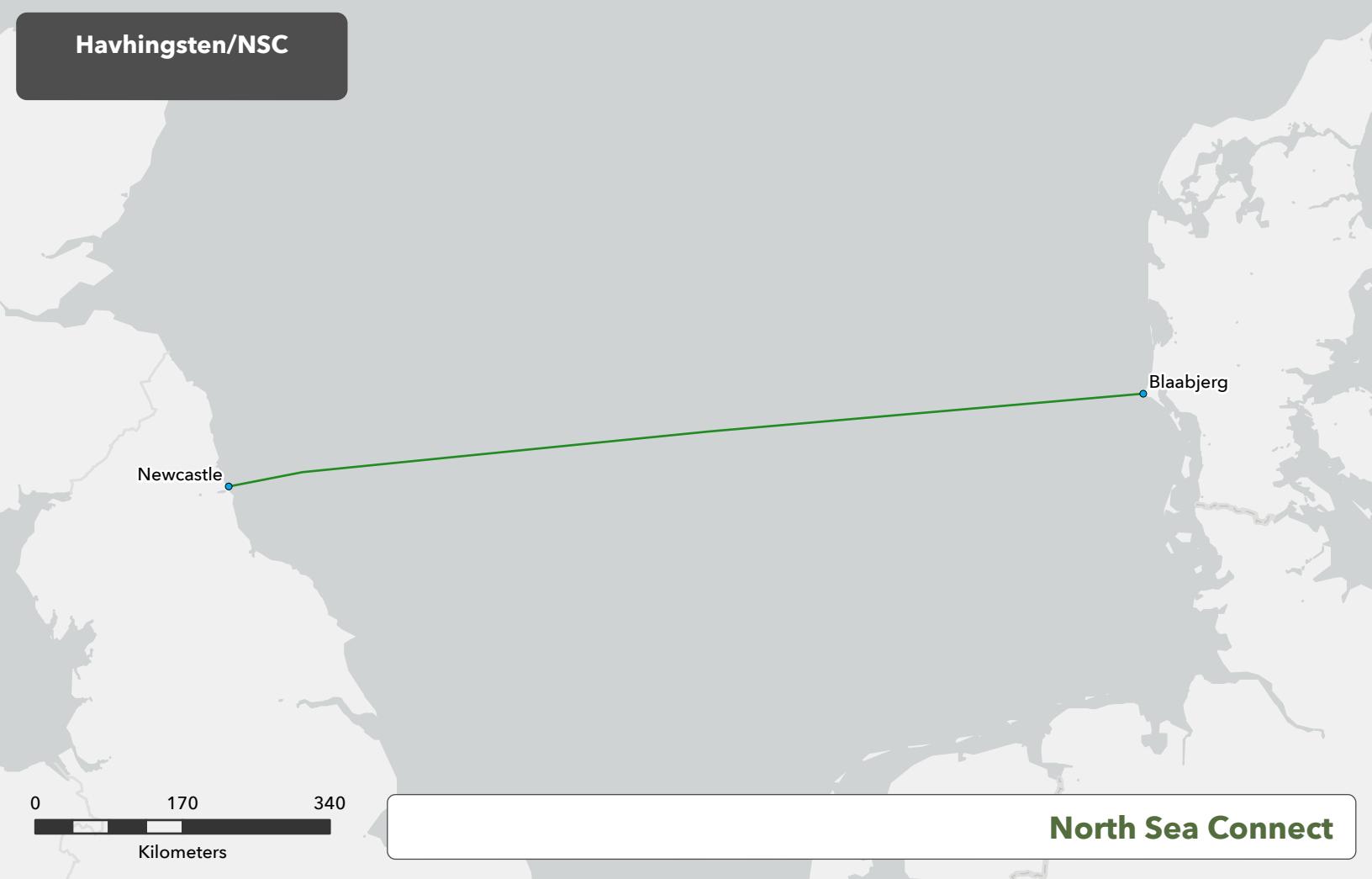


SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$23,500,000
Length (km)	301
Design Capacity (Tbps)	300
Fiber Pairs	15
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Aqua Comms Limited, Bulk Infrastructure AS, Meta

LANDING POINTS

City	State/Province	Country
Blackpool	England	United Kingdom
Loughshinny	Dublin	Ireland
Port Erin		Isle of Man
Port Grenaugh		Isle of Man

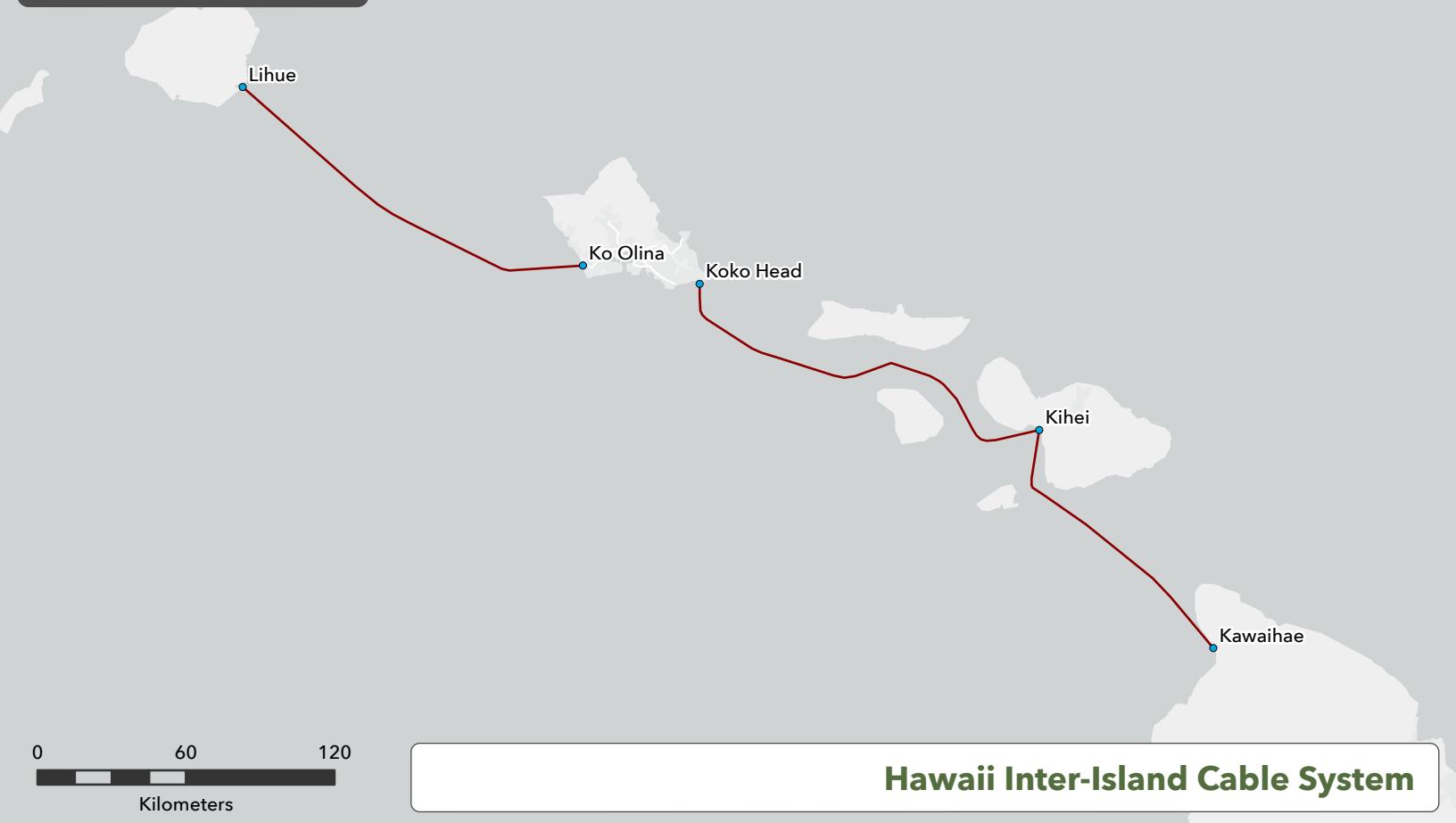
**SYSTEM DETAILS**

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$1,625,000
Length (km)	661
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	ASN

LANDING POINTS

City	State/Province	Country
Blaabjerg	Syddanmark	Denmark
Newcastle	England	United Kingdom

System Installer	Not Available
Owner(s)	Aqua Comms Limited, Bulk Infrastructure AS, Meta

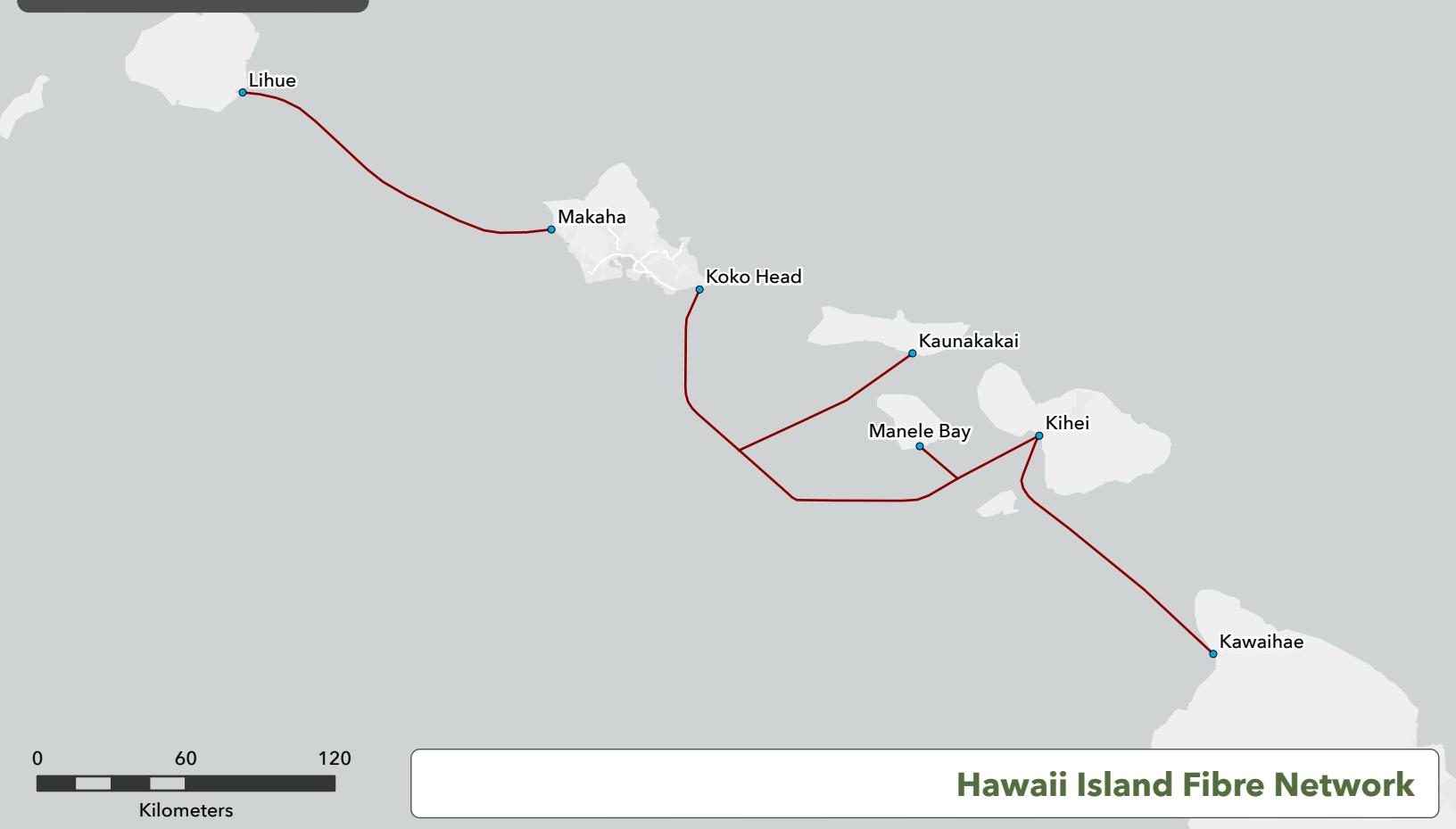


SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$11,975,000
Length (km)	479
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Hawaiian Telecom

LANDING POINTS

City	State/Province	Country
Kawaihae	Hawaii	United States
Kihei	Hawaii	United States
Ko Olina	Hawaii	United States
Koko Head	Hawaii	United States
Lihue	Hawaii	United States

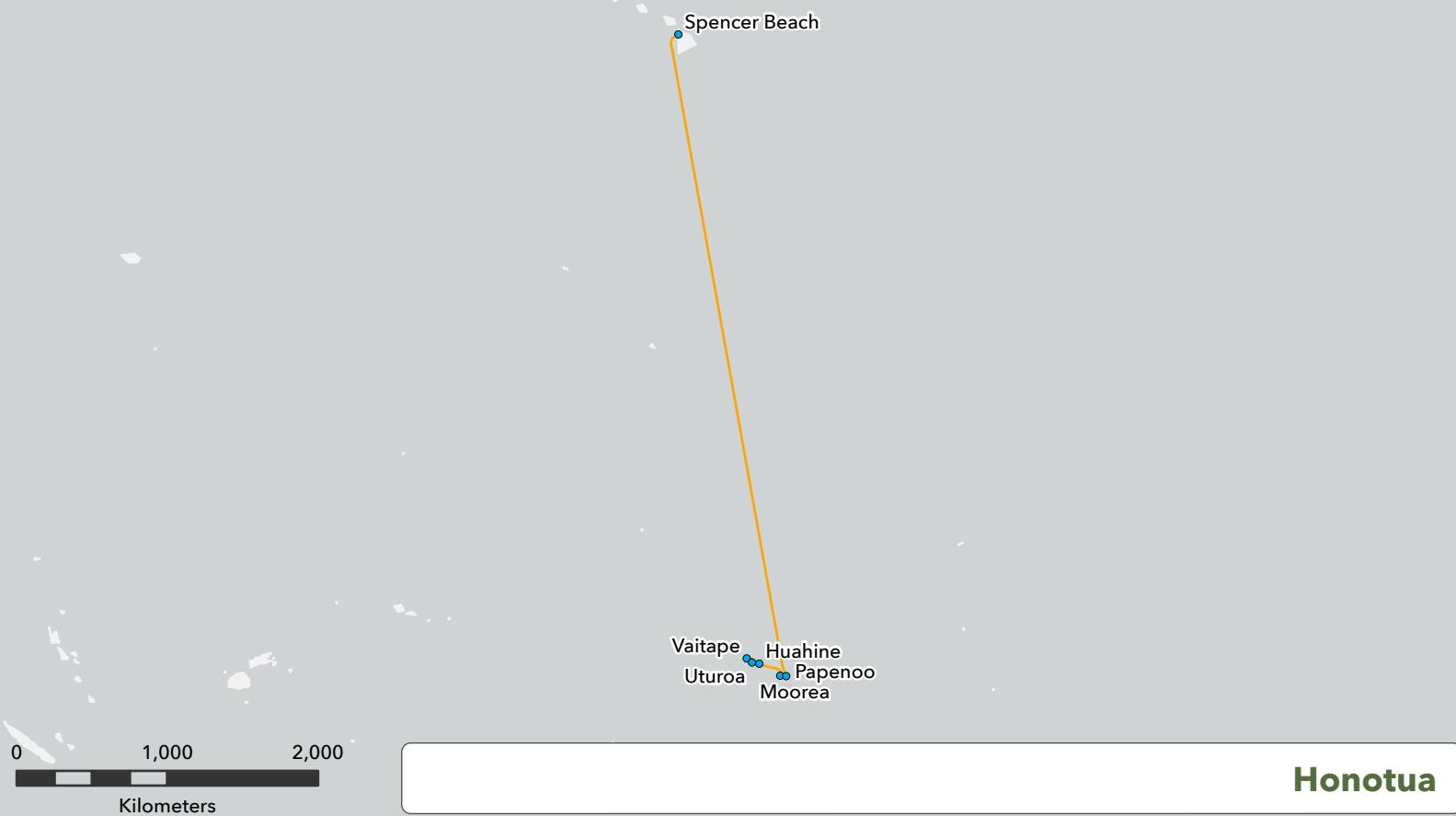


SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$13,225,000
Length (km)	529
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	CenturyLink, Hawaiian Telecom

LANDING POINTS

City	State/Province	Country
Kaunakakai	Hawaii	United States
Kawaihae	Hawaii	United States
Kihei	Hawaii	United States
Koko Head	Hawaii	United States
Lihue	Hawaii	United States
Makaha	Hawaii	United States
Manele Bay	Hawaii	United States

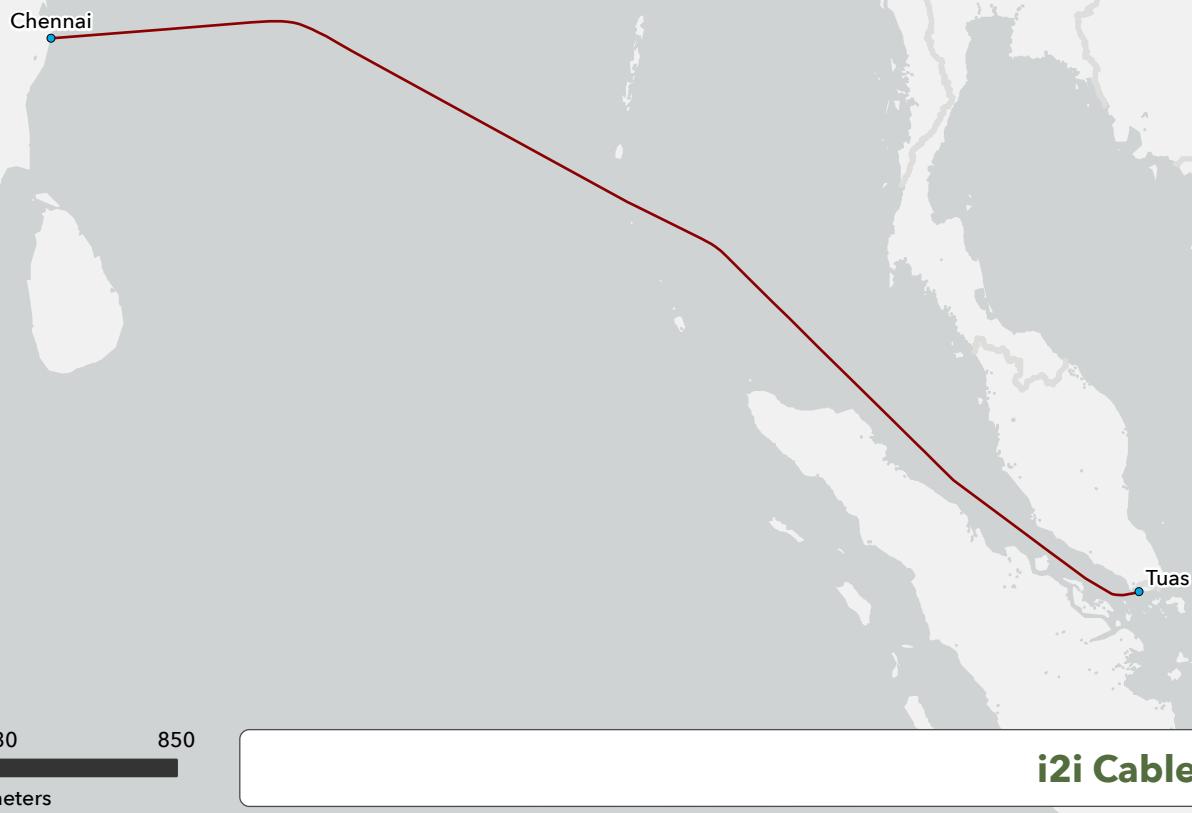


SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$12,200,000
Length (km)	4,634
Design Capacity (Tbps)	0.64
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	OPT French Polynesia

LANDING POINTS

City	State/Province	Country
Huahine		French Polynesia
Moorea		French Polynesia
Papenoo		French Polynesia
Spencer Beach	Hawaii	United States
Uturoa		French Polynesia
Vaitape		French Polynesia

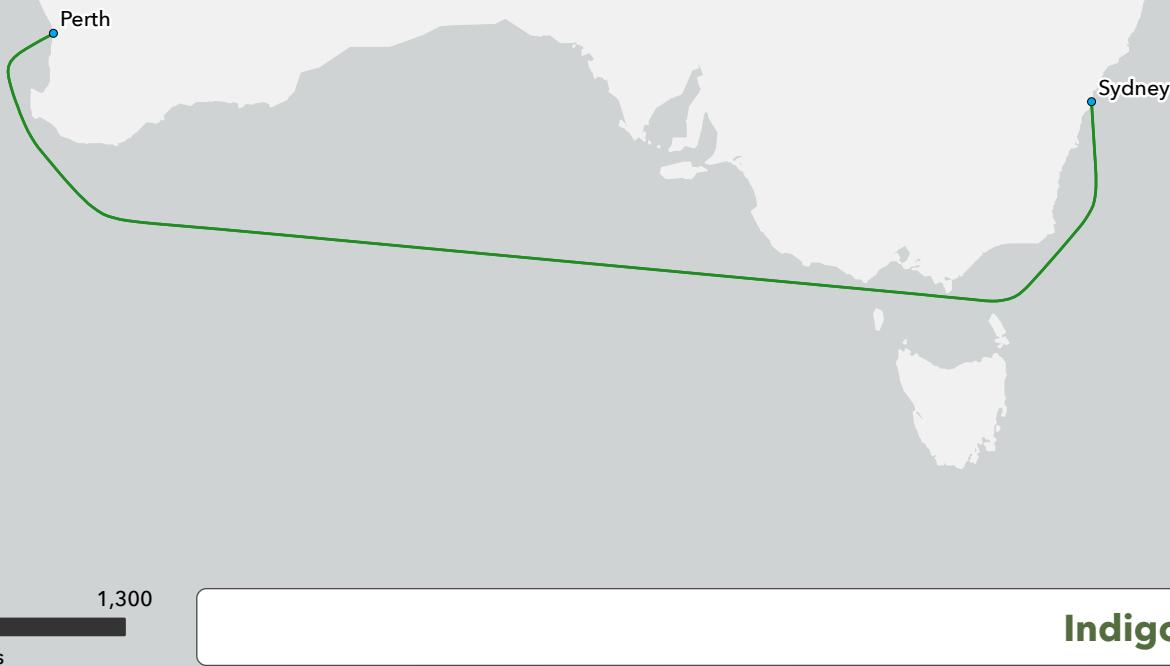


SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$90,000,000
Length (km)	3,100
Design Capacity (Tbps)	84
Fiber Pairs	8
Wavelengths per Fiber Pair	105
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Not Available
Owner(s)	Bharti Airtel Limited

LANDING POINTS

City	State/Province	Country
Chennai	Tamil Nadu	India
Tuas	West Region	Singapore

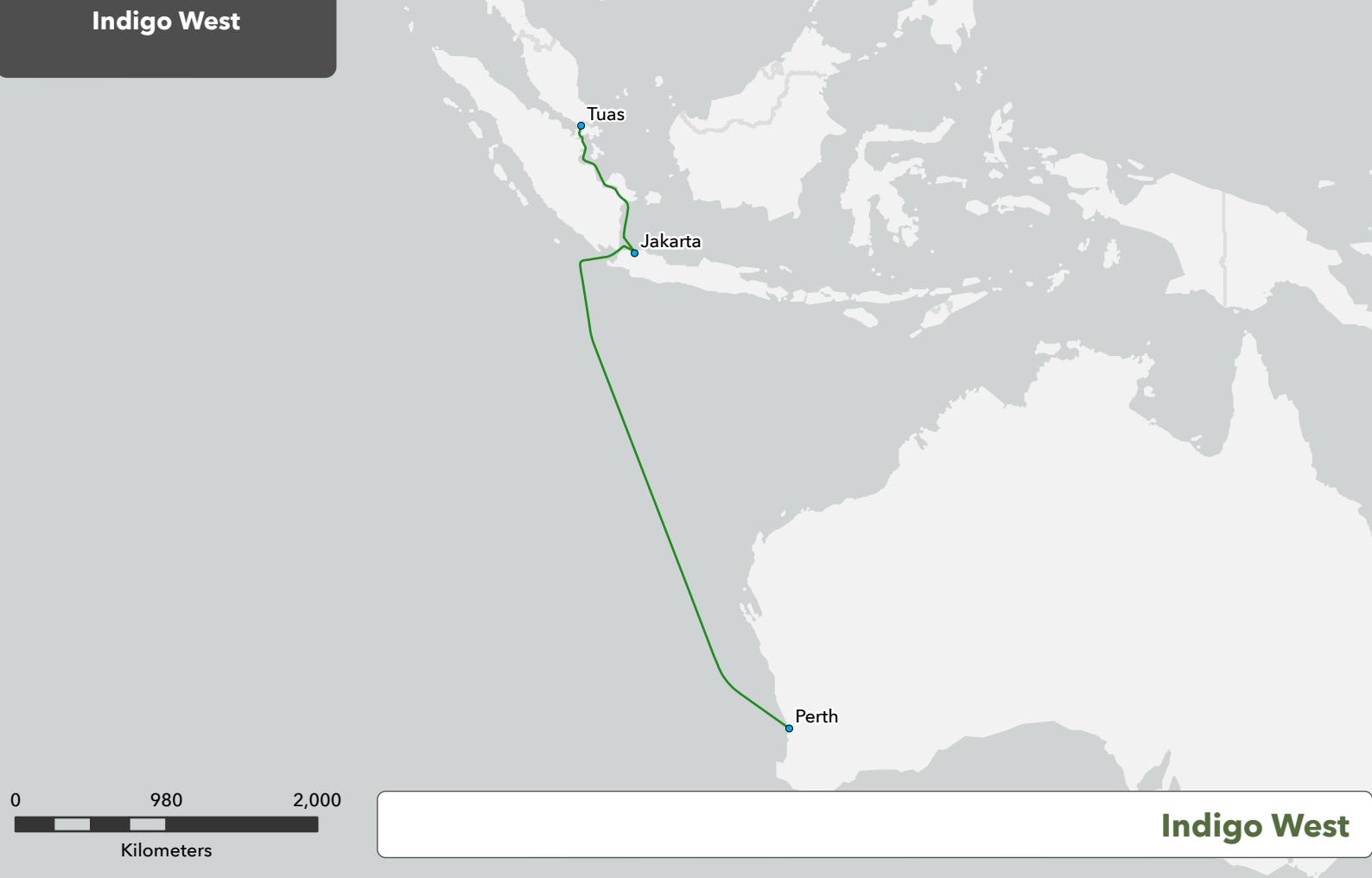


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$15,000,000
Length (km)	4,850
Design Capacity (Tbps)	36
Fiber Pairs	2
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, SubCom
System Installer	ASN
Owner(s)	Google, SubPartners

LANDING POINTS

City	State/Province	Country
Perth	Western Australia	Australia
Sydney	New South Wales	Australia

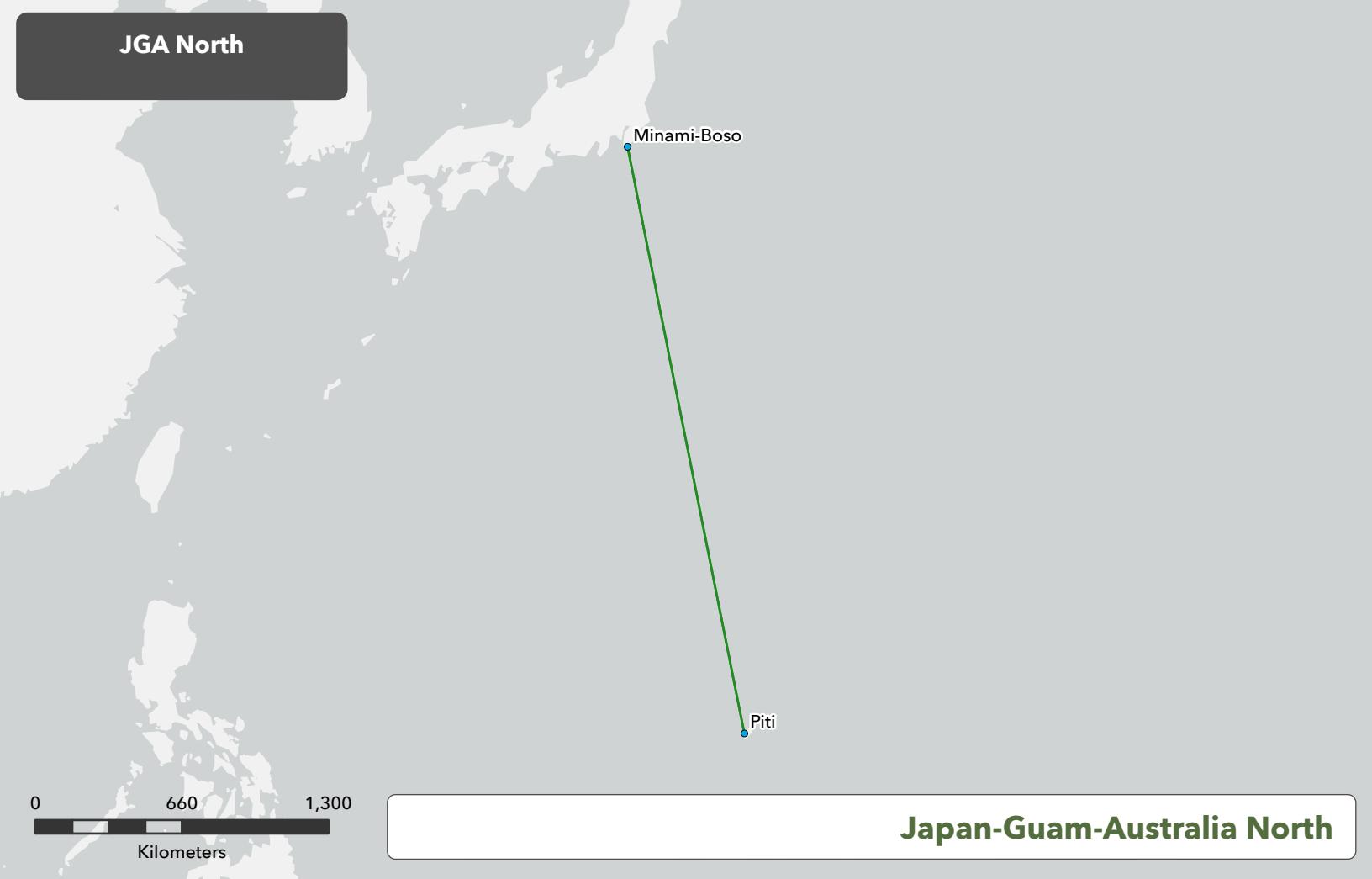


SYSTEM DETAILS

RFS Year	2019
EOS Year	2043
Est. System Cost (USD)	\$22,500,000
Length (km)	4,600
Design Capacity (Tbps)	36
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	AARNet, Google, Indosat Ooredoo Hutchison, Telstra

LANDING POINTS

City	State/Province	Country
Jakarta	Jakarta	Indonesia
Perth	Western Australia	Australia
Tuas	West Region	Singapore



SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$65,000,000
Length (km)	2,700
Design Capacity (Tbps)	24
Fiber Pairs	2
Wavelengths per Fiber Pair	120
Capacity per Wavelength (Gbps)	100
System Supplier	NEC
System Installer	NEC
Owner(s)	RTI Connectivity

LANDING POINTS

City	State/Province	Country
Minami-Boso	Chiba	Japan
Piti		Guam



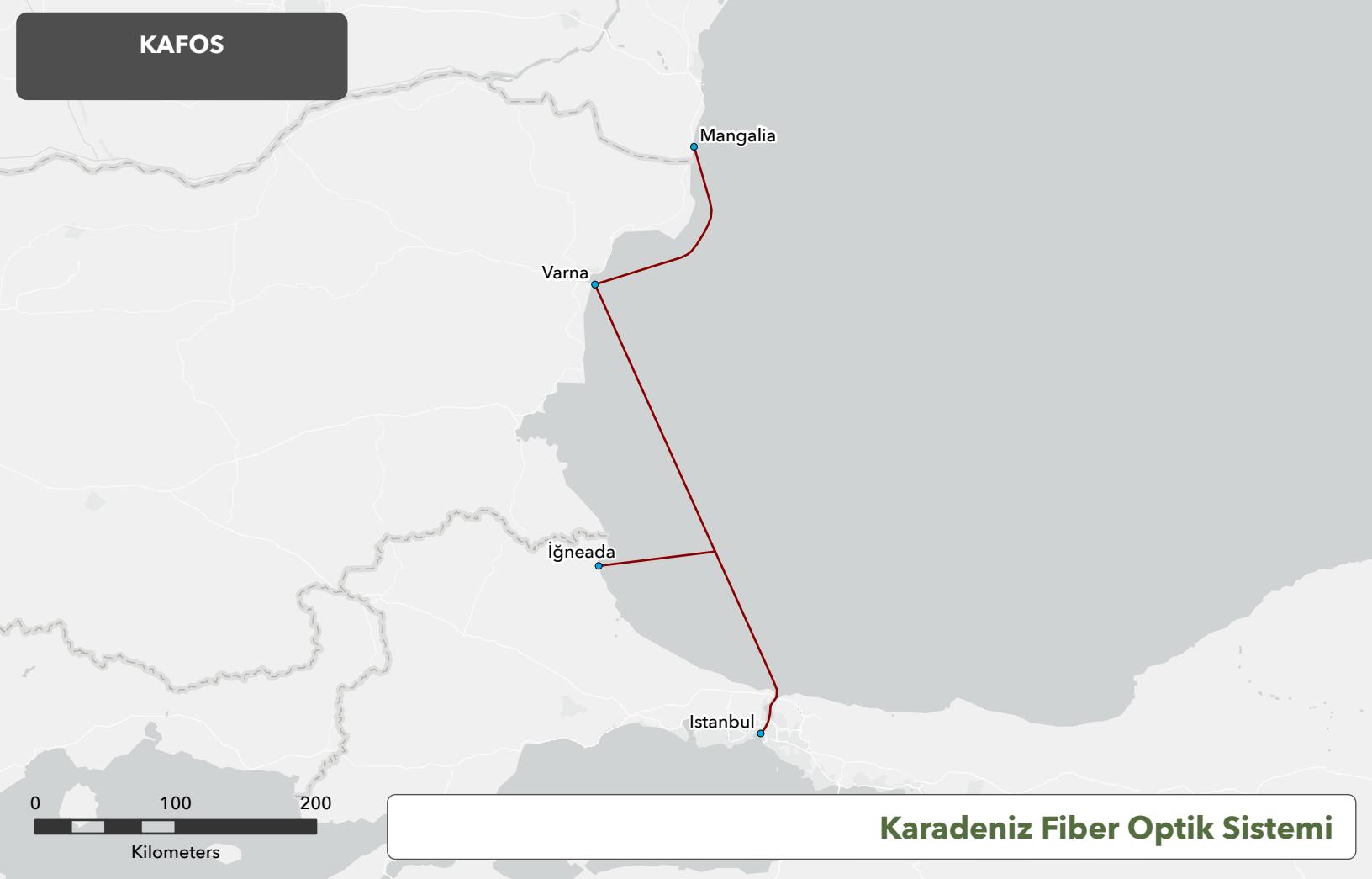
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$17,500,000
Length (km)	7,000
Design Capacity (Tbps)	36
Fiber Pairs	2
Wavelengths per Fiber Pair	180
Capacity per Wavelength (Gbps)	100
System Supplier	NEC
System Installer	Not Available
Owner(s)	AARNet, Google, RTI Connectivity

LANDING POINTS

City	State/Province	Country
Piti		Guam
Sunshine Coast	Queensland	Australia
Sydney	New South Wales	Australia

KAFOS



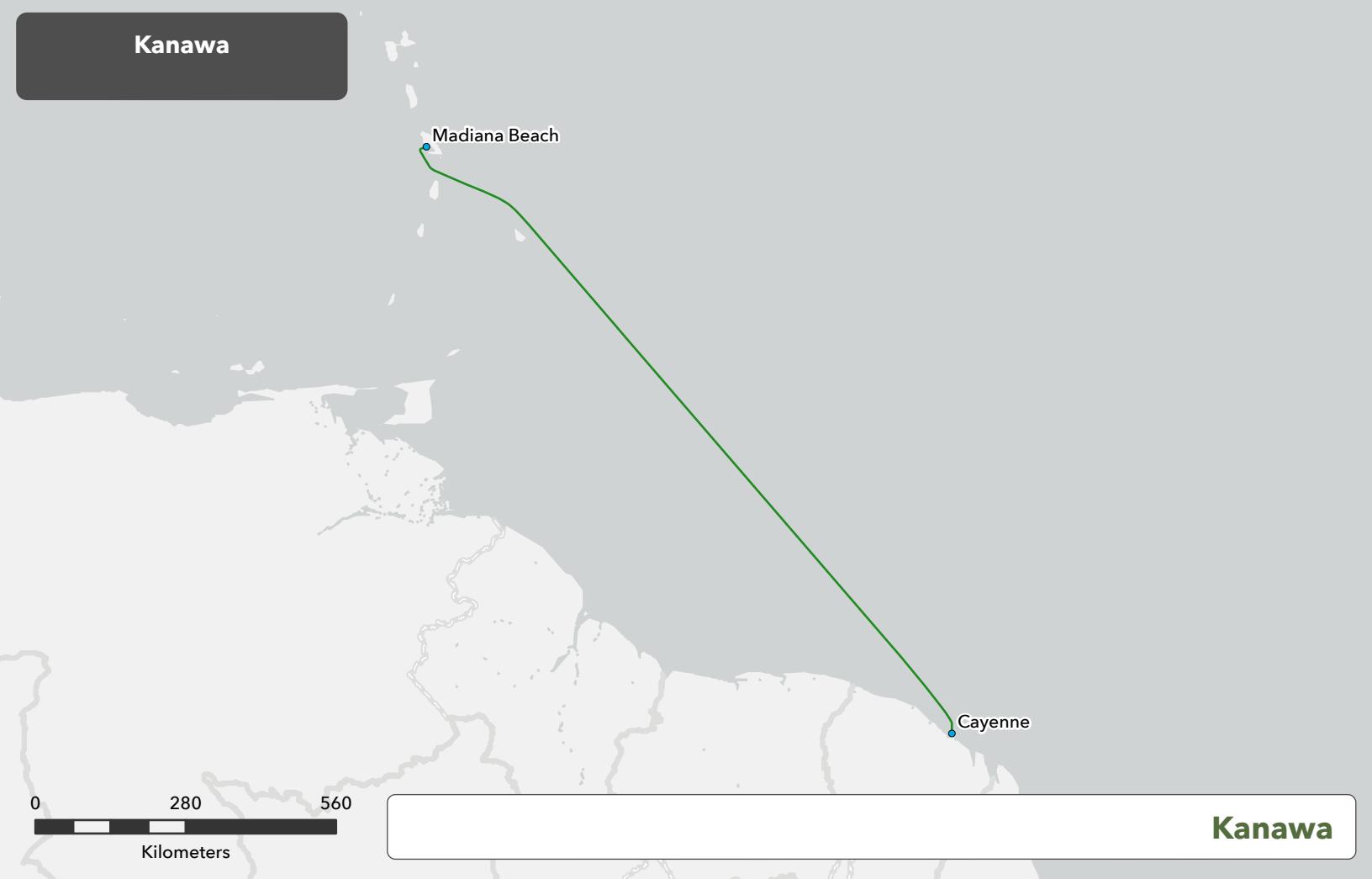
SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$27,000,000
Length (km)	504
Design Capacity (Tbps)	8
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, FCR, Orange
Owner(s)	BTC, Turk Telekom

LANDING POINTS

City	State/Province	Country
İğneada	Kırklareli	Turkey
Istanbul	Marmara	Turkey
Mangalia		Romania
Varna	Varna	Bulgaria

Kanawa



SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$20,000,000
Length (km)	1,746
Design Capacity (Tbps)	10
Fiber Pairs	2
Wavelengths per Fiber Pair	50
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Orange
Owner(s)	French Guiana Government

LANDING POINTS

City	State/Province	Country
Cayenne	French Guiana	France
Madiana Beach, Schoelcher	Martinique	French Polynesia

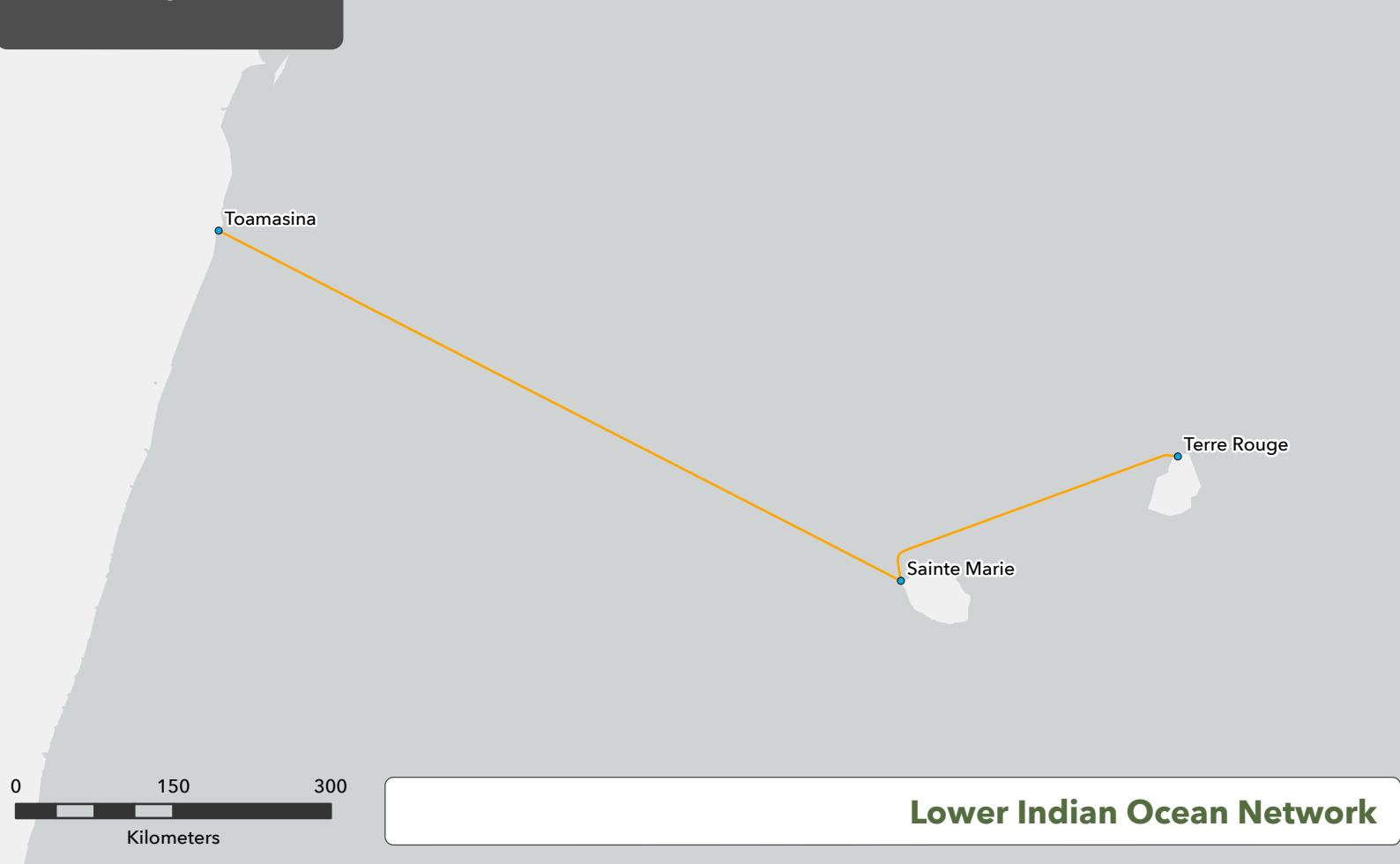


SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$30,000,000
Length (km)	971
Design Capacity (Tbps)	0.01
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Kodiak Kenai Cable Company LLC

LANDING POINTS

City	State/Province	Country
Anchorage	Alaska	United States
Homer	Alaska	United States
Kenai	Alaska	United States
Kodiak	Alaska	United States
Narrow Cape	Alaska	United States
Seward	Alaska	United States



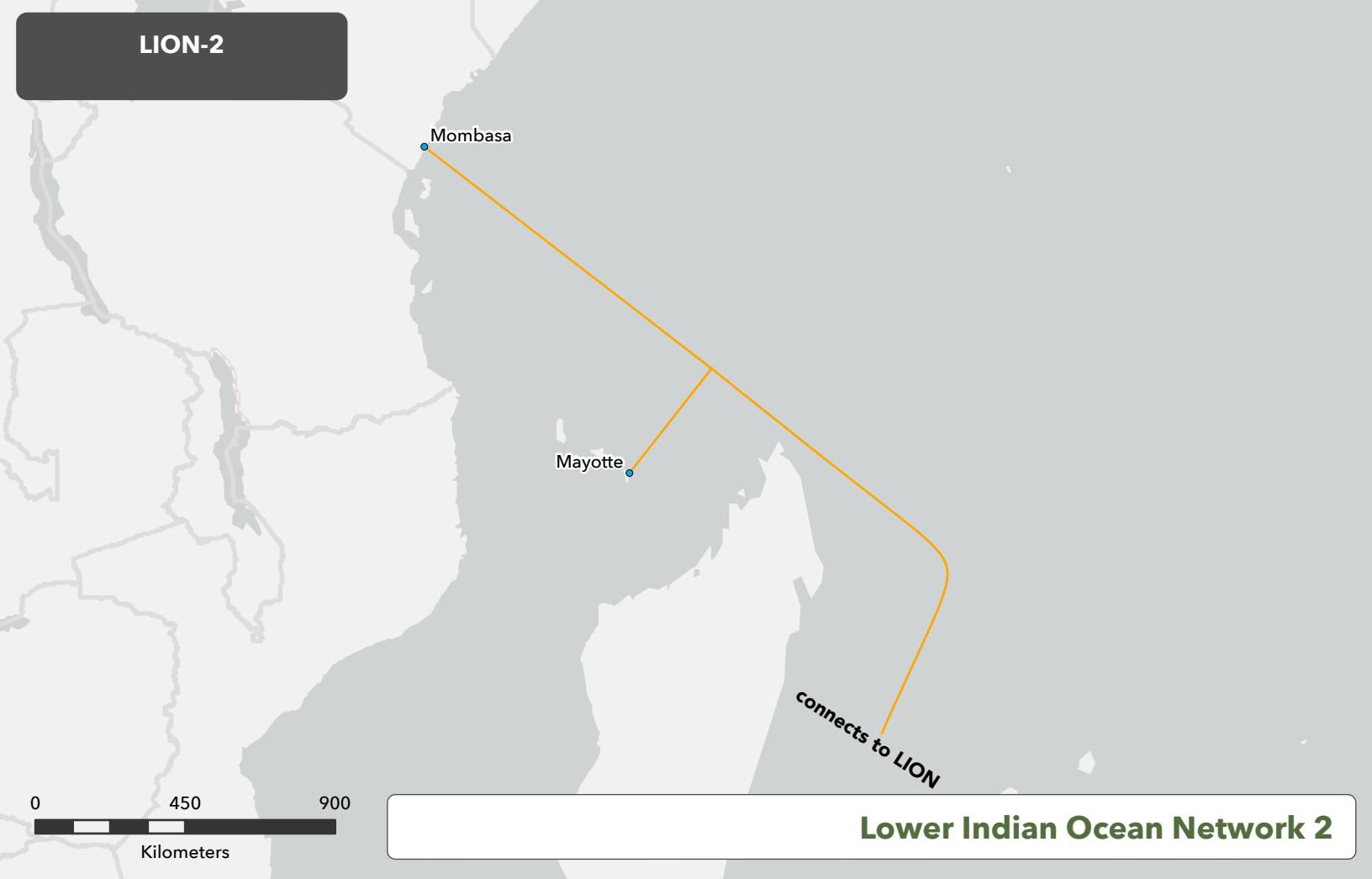
SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$30,000,000
Length (km)	1,091
Design Capacity (Tbps)	1.28
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	10
System Supplier	ASN
System Installer	FCR, Orange
Owner(s)	FT, Orange

LANDING POINTS

City	State/Province	Country
Sainte Marie		Réunion
Terre Rouge	Pamplemousses District	Mauritius
Toamasina	Atsinanana	Madagascar

LION-2



SYSTEM DETAILS

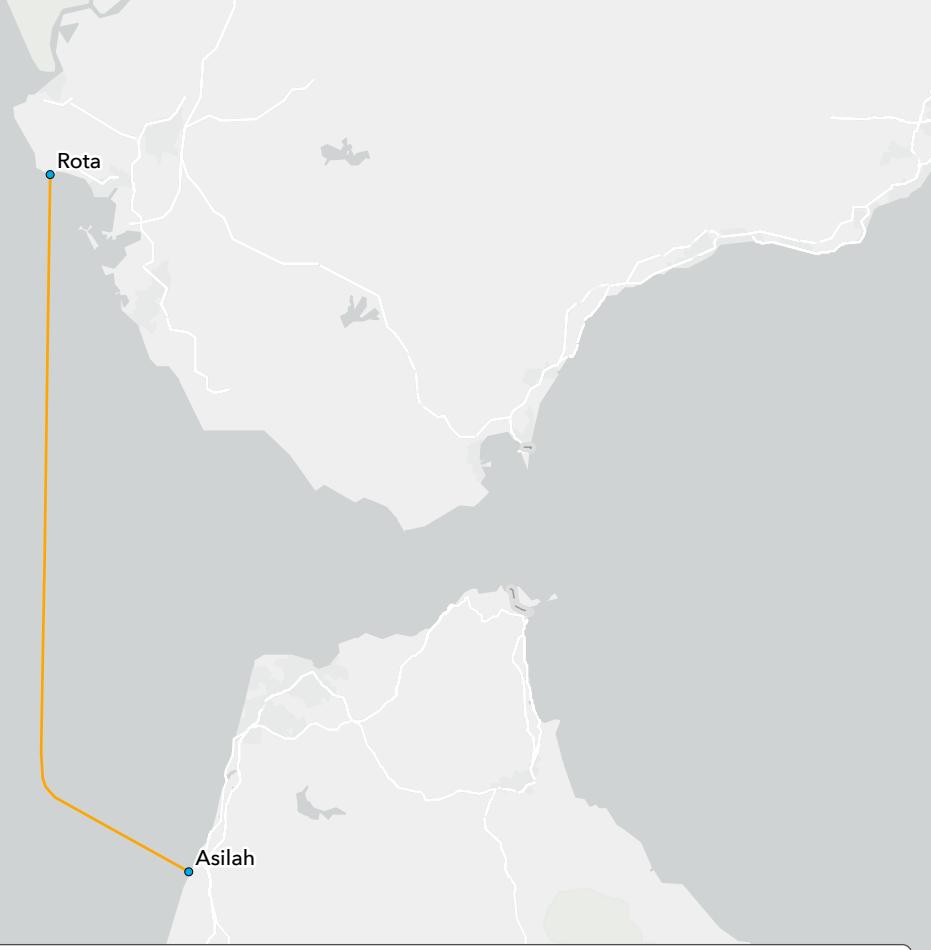
RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$76,000,000
Length (km)	3,000
Design Capacity (Tbps)	1.28
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	10
System Supplier	ASN

System Installer Alpha Logistics, Elettra, Orange

Owner(s) Emtel Ltd., FT, Orange, Telkom Kenya

LANDING POINTS

City	State/Province	Country
Mayotte		Mayotte
Mombasa	Mombasa	Kenya



0 40 80
Kilometers

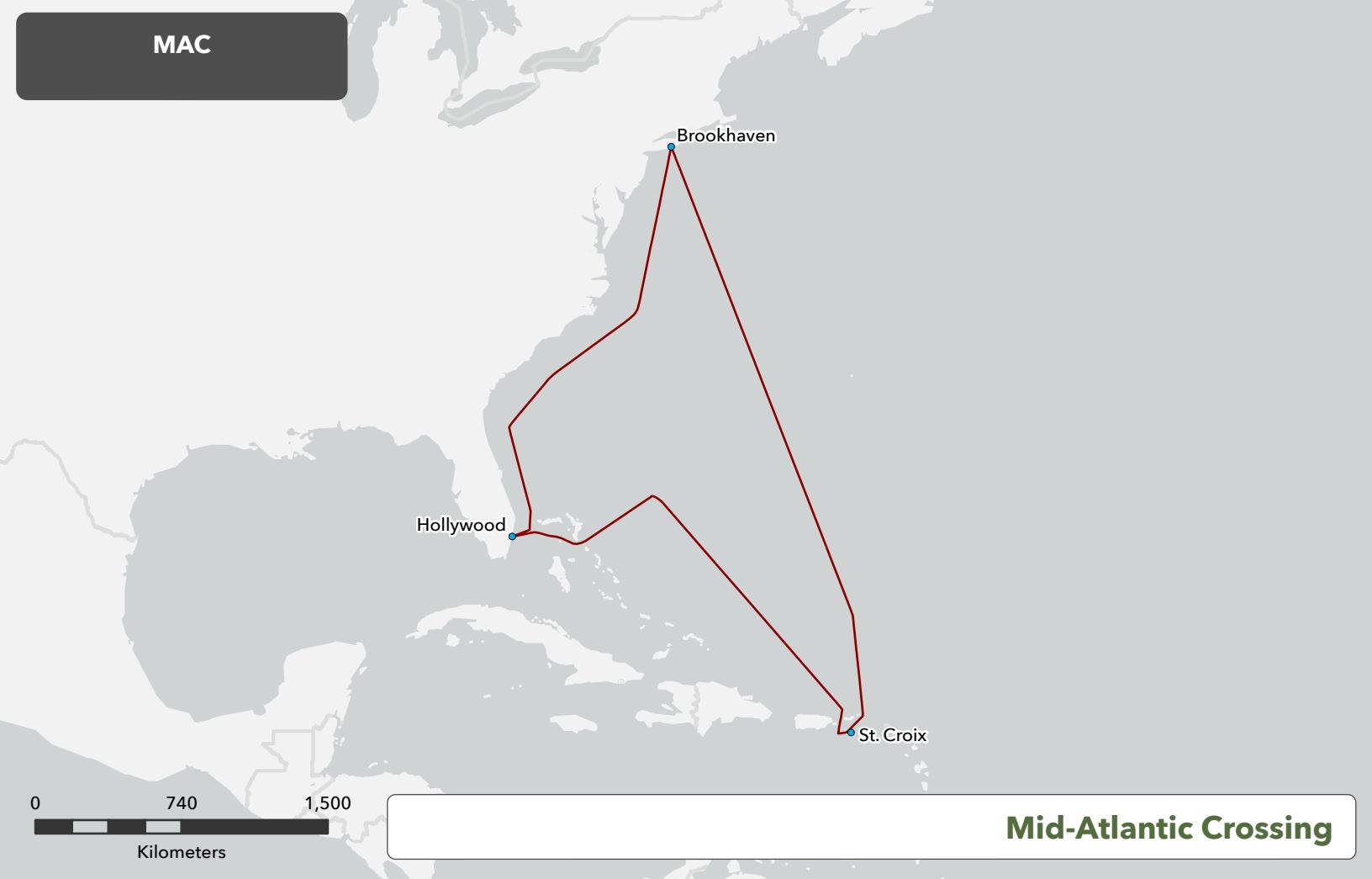
Loukkos

SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$16,000,000
Length (km)	187
Design Capacity (Tbps)	1.28
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Asilah	Tanger-Tetouan-Al Hoceima	Morocco
Rota	Cádiz	Spain



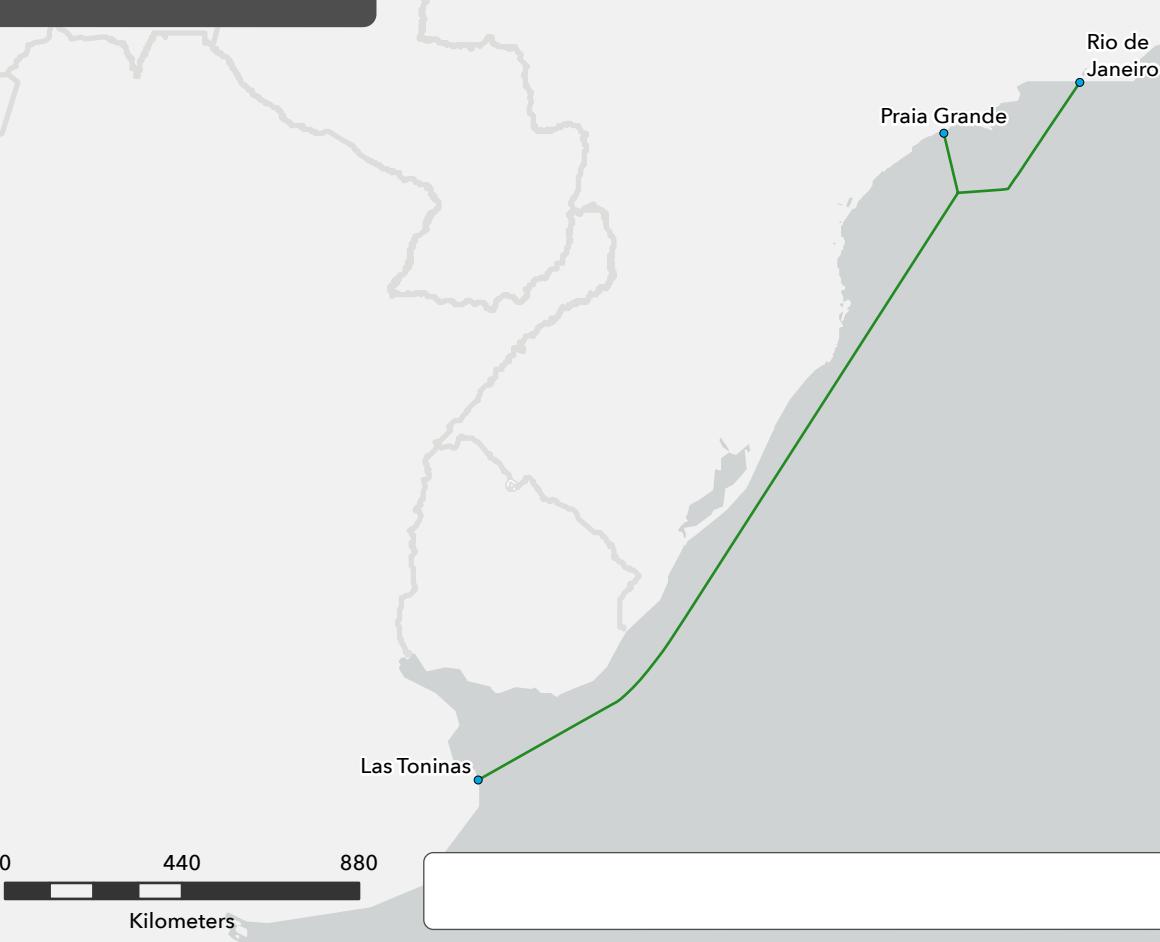
SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$20,000,000
Length (km)	7,461
Design Capacity (Tbps)	0.92
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, FCR, Orange
Owner(s)	CenturyLink

LANDING POINTS

City	State/Province	Country
Brookhaven	New York	United States
Hollywood	Florida	United States
St. Croix		U.S. Virgin Islands

Malbec



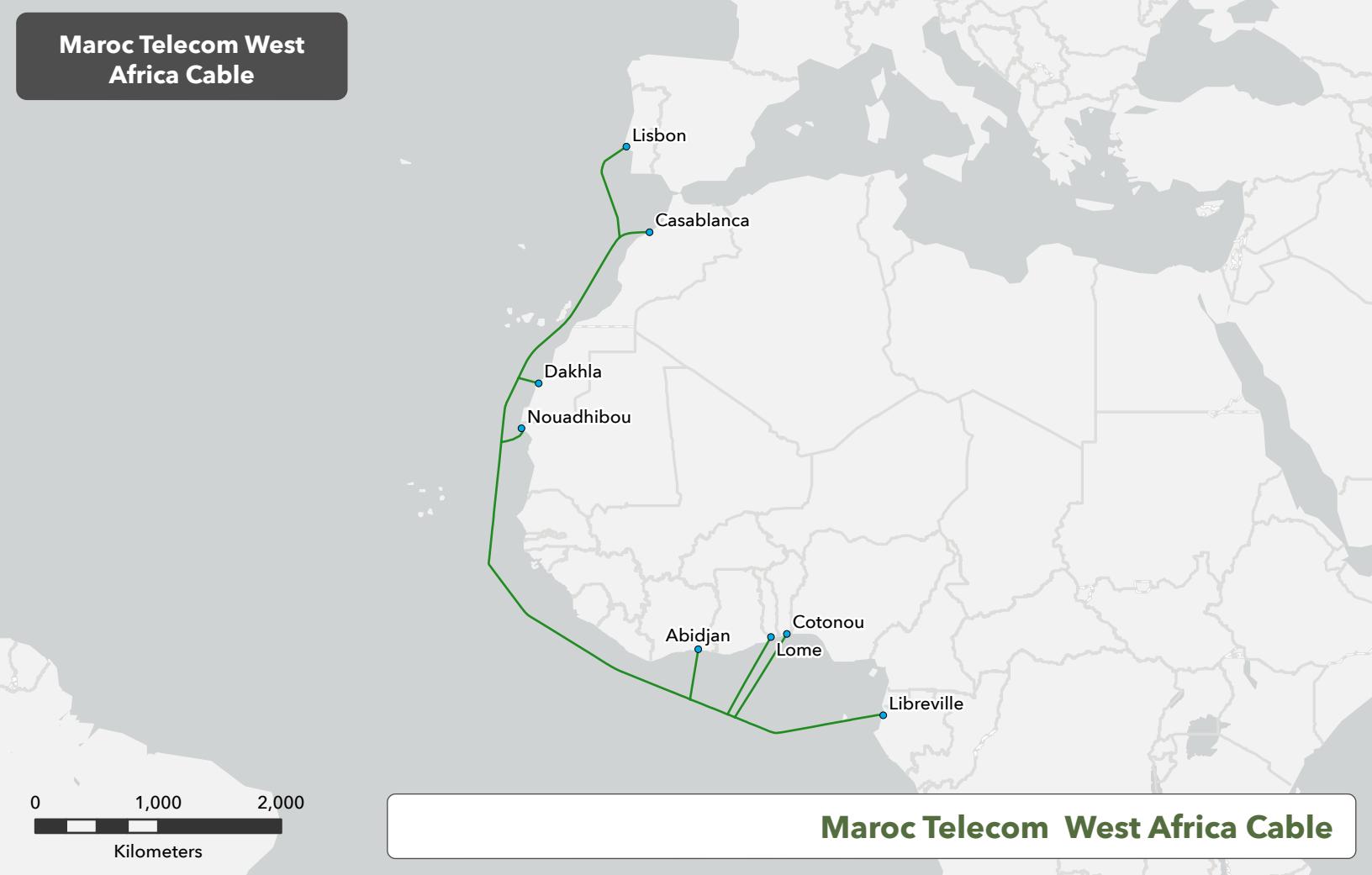
SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$65,000,000
Length (km)	2,600
Design Capacity (Tbps)	108
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	ASN
System Installer	ASN
Owner(s)	GlobeNet, Meta

LANDING POINTS

City	State/Province	Country
Las Toninas	Buenos Aires Province	Argentina
Praia Grande	São Paulo	Brazil
Rio de Janeiro	Rio de Janeiro	Brazil

Maroc Telecom West Africa Cable



SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$20,500,000
Length (km)	8,300
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Maroc Telecom of Morocco

LANDING POINTS

City	State/Province	Country
Abidjan		Ivory Coast
Casablanca	Casablanca-Settat	Morocco
Cotonou		Benin
Dakhla	Oued Ed-Dahab	Morocco
Libreville	Estuaire	Gabon
Lisbon	Lisbon	Portugal
Lome	Golfe	Togo
Nouadhibou	Dakhlet Nouadhibou	Mauritania

Med Cable Network



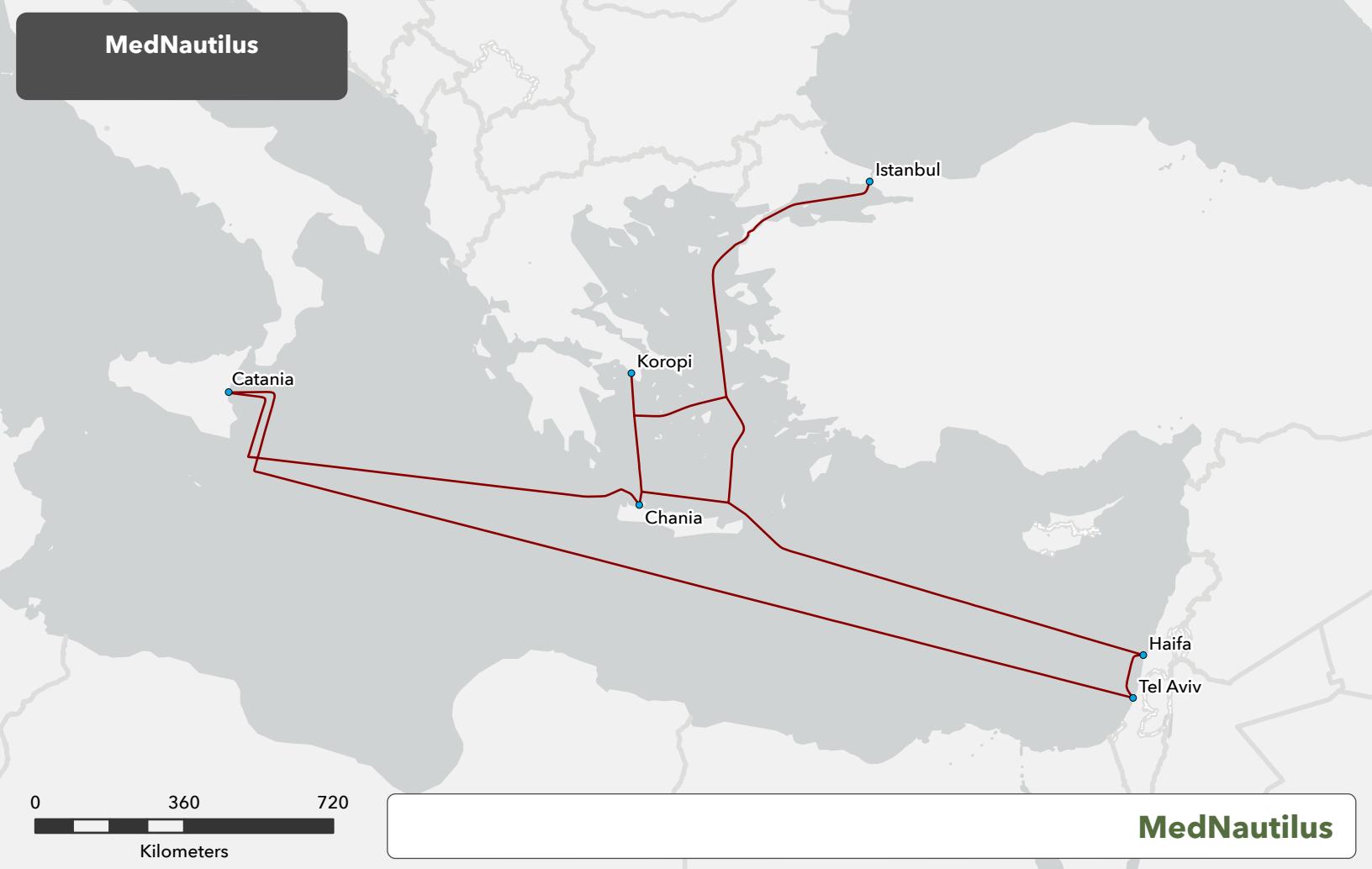
Med Cable Network

SYSTEM DETAILS

RFS Year	2005
EOS Year	2030
Est. System Cost (USD)	\$40,000,000
Length (km)	1,300
Design Capacity (Tbps)	0.02
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Med Cable

LANDING POINTS

City	State/Province	Country
Algiers	Algiers Province	Algeria
Annaba	Annaba Province	Algeria
Marseille	Provence-Alpes-Côte d'Azur	France



SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$19,000,000
Length (km)	5,729
Design Capacity (Tbps)	3.84
Fiber Pairs	6
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN, Orange
Owner(s)	Telecom Italia

LANDING POINTS

City	State/Province	Country
Catania	Sicily	Italy
Chania	Crete	Greece
Haifa	Haifa	Israel
Istanbul	Marmara	Turkey
Koropi	Attica	Greece
Tel Aviv	Tel Aviv	Israel



SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$75,000,000
Length (km)	3,215
Design Capacity (Tbps)	24
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, Orange
Owner(s)	Canal+ Telecom, CEB FiberNet, Emtel Ltd., SFR, Telma, ZEOP

LANDING POINTS

City	State/Province	Country
		Madagascar
		Mauritius
		Réunion
		South Africa

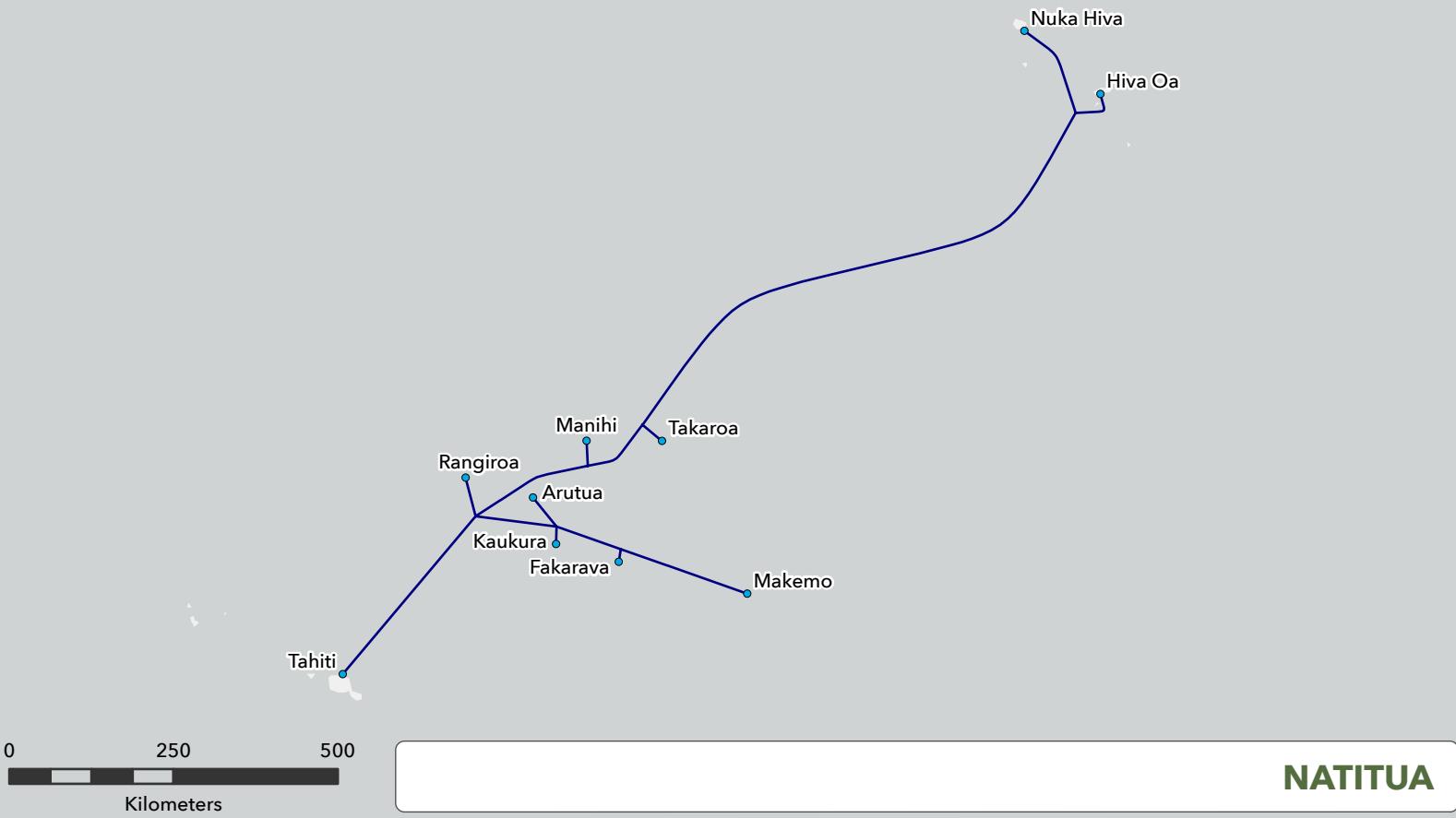


SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$
Length (km)	Not Available
Design Capacity (Tbps)	0.01
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	10
System Supplier	ASN
System Installer	Not Available
Owner(s)	Telecom Italia Sparkle

LANDING POINTS

City	State/Province	Country
Catania	Sicily	Italy
Mazara del Vallo	Sicily	Italy
Yeroskipos	Paphos	Cyprus

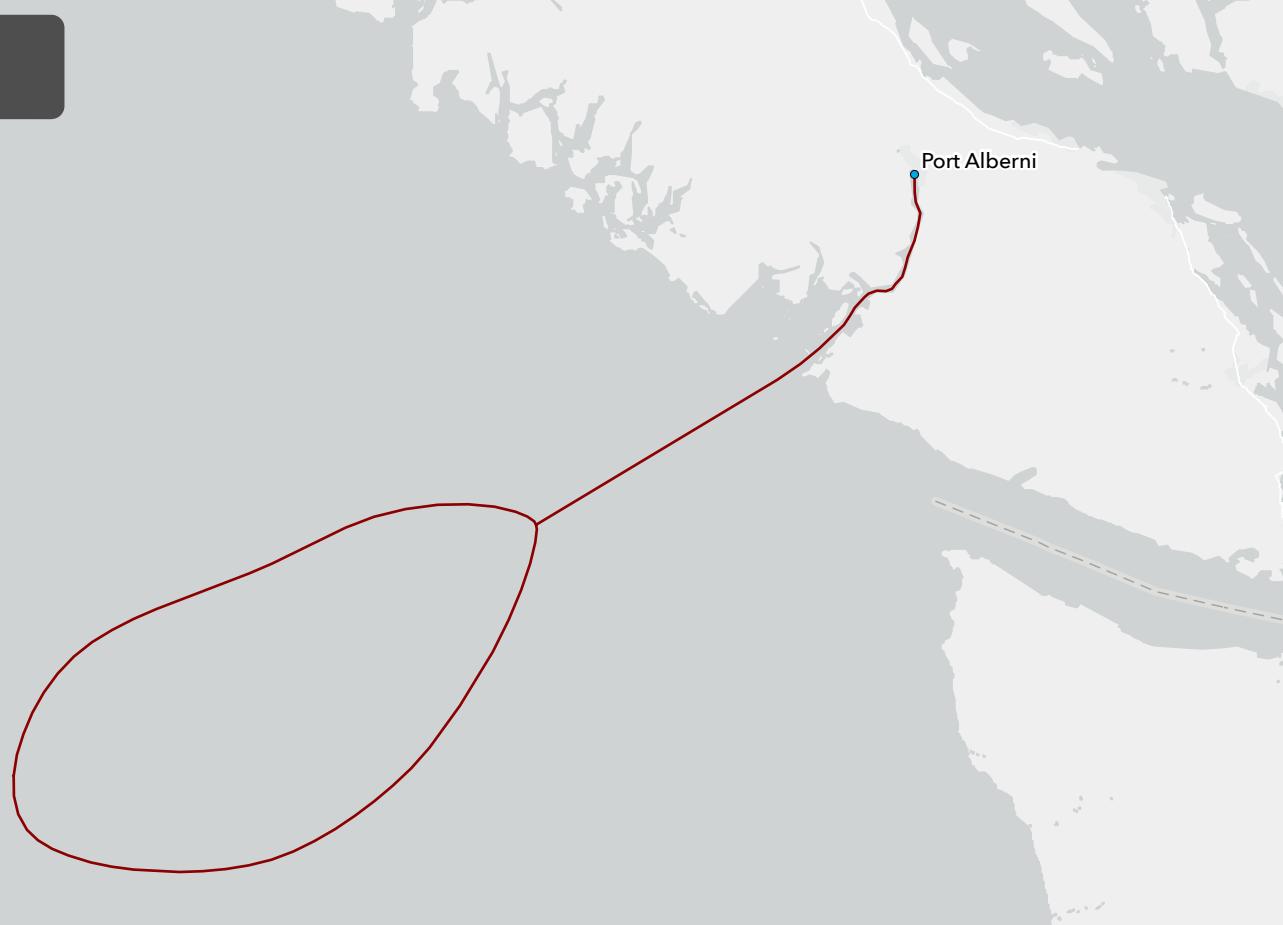


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$62,500,000
Length (km)	2,500
Design Capacity (Tbps)	10
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	OPT French Polynesia

LANDING POINTS

City	State/Province	Country
Arutua		French Polynesia
Fakarava		French Polynesia
Hiva Oa		French Polynesia
Kaukura		French Polynesia
Makemo		French Polynesia
Manihi		French Polynesia
Nuka Hiva		French Polynesia
Rangiroa		French Polynesia
Tahiti		French Polynesia
Takaroa		French Polynesia



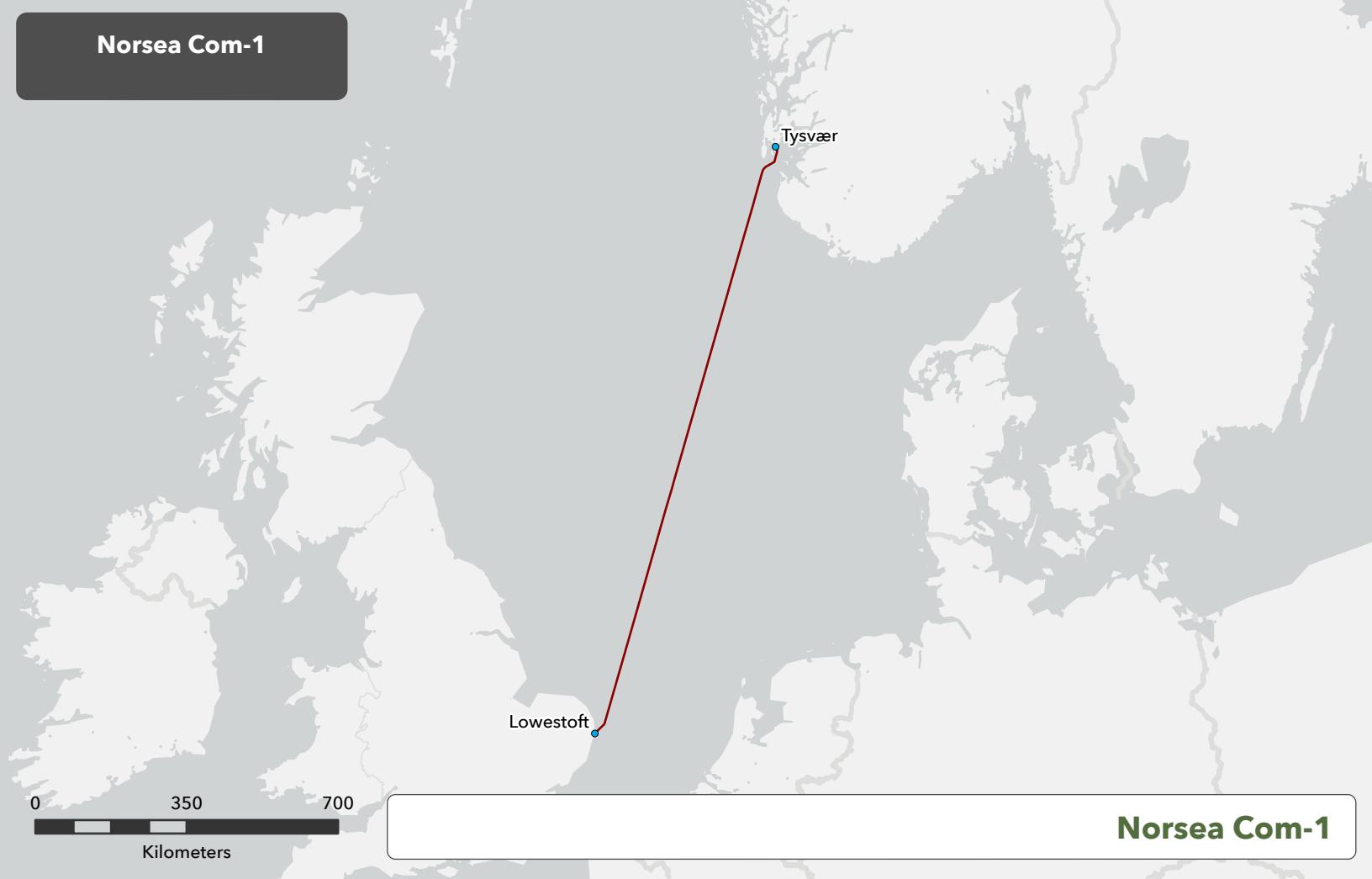
NEPTUNE Canada

SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$62,000,000
Length (km)	800
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	University of Victoria

LANDING POINTS

City	State/Province	Country
Port Alberni	British Columbia	Canada



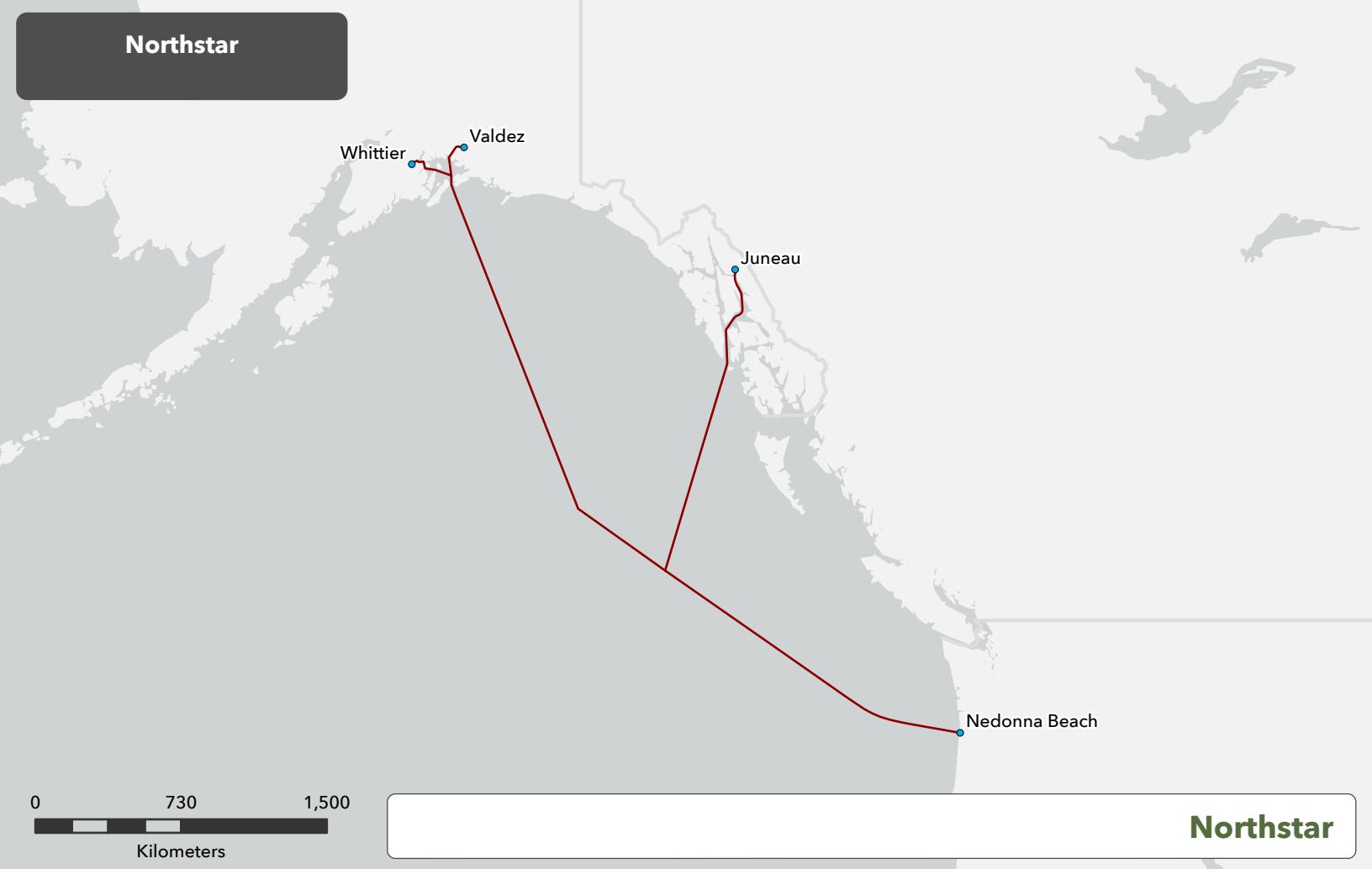
Norsea Com-1

SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$62,000,000
Length (km)	800
Design Capacity (Tbps)	0.16
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	North Sea Communications AS, Tampnet

LANDING POINTS

City	State/Province	Country
Tysvær	Rogaland	Norway
Lowestoft	England	United Kingdom



SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$90,000,000
Length (km)	3,385
Design Capacity (Tbps)	0.01
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN, C&W
Owner(s)	Alaska Communications Systems, C&W

LANDING POINTS

City	State/Province	Country
Juneau	Alaska	United States
Nedonna Beach	Oregon	United States
Valdez	Alaska	United States
Whittier	Alaska	United States

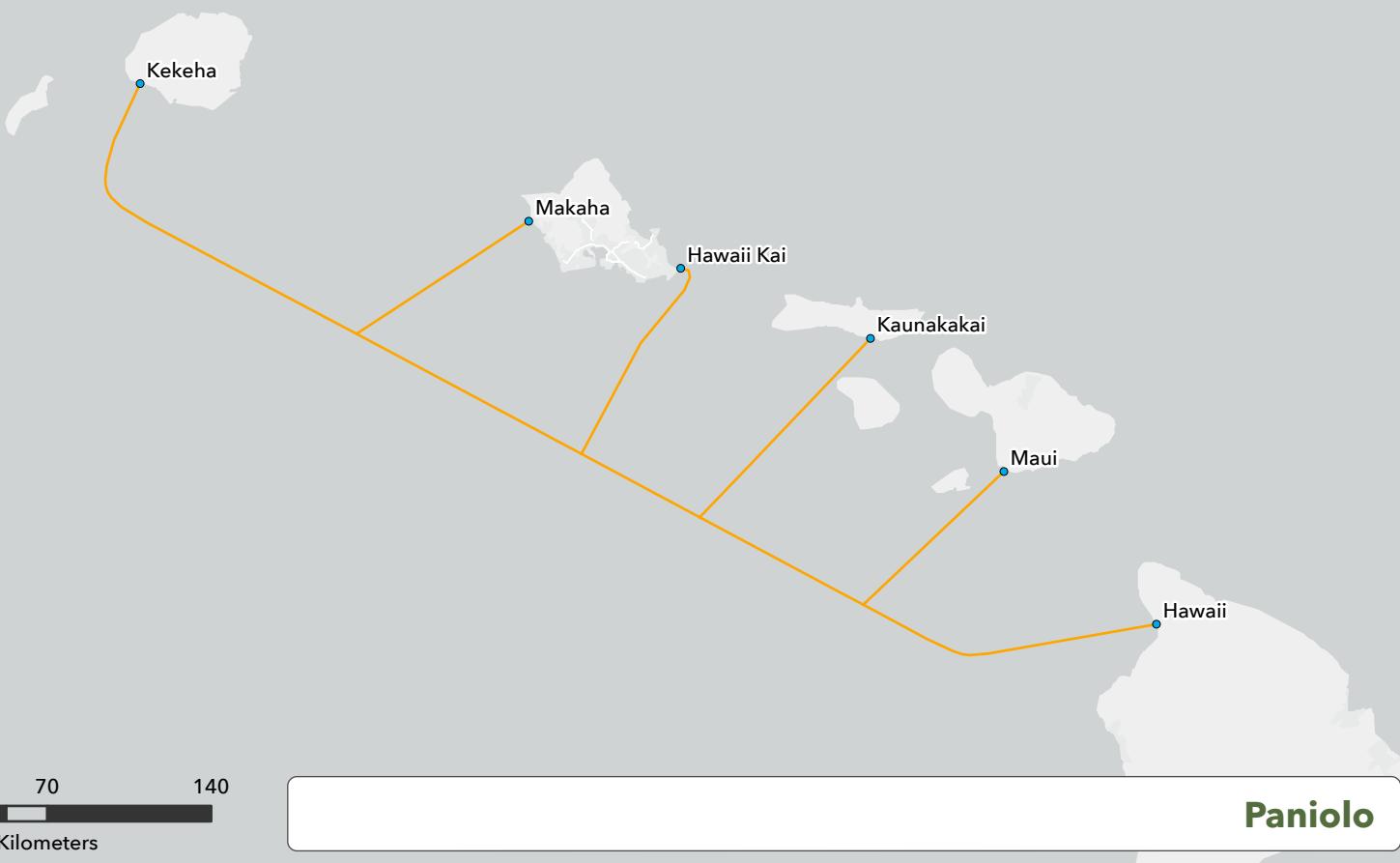


SYSTEM DETAILS

RFS Year	1999
EOS Year	2022
Est. System Cost (USD)	\$26,000,000
Length (km)	6,867
Design Capacity (Tbps)	0.07
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Antel, C&W, Cable Andino, CANTV, CNT EP, Embratel, Entel, Setar N.V., Telecom Colombia, Telmex

LANDING POINTS

City	State/Province	Country
Arica	Arica y Parinacota	Chile
Baby Beach		Aruba
Barranquilla	Atlántico	Colombia
Battery Pratt	Colón	Panama
Butler's Bay	St. Croix	U.S. Virgin Islands
Lurin	Lima	Peru
Magen's Bay		British Virgin Islands
Panama City	Panamá	Panama
Punto Fijo	Falcón	Venezuela
Salinas	Santa Elena	Ecuador



Paniolo

SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$14,375,000
Length (km)	575
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, IT International Telecom

LANDING POINTS

City	State/Province	Country
Hawaii Kai	Hawaii	United States
Kaunakakai	Hawaii	United States
Kekeha	Hawaii	United States
Makaha	Hawaii	United States
Maui	Hawaii	United States

System Installer	IT International Telecom
Owner(s)	Hawaiian Telecom

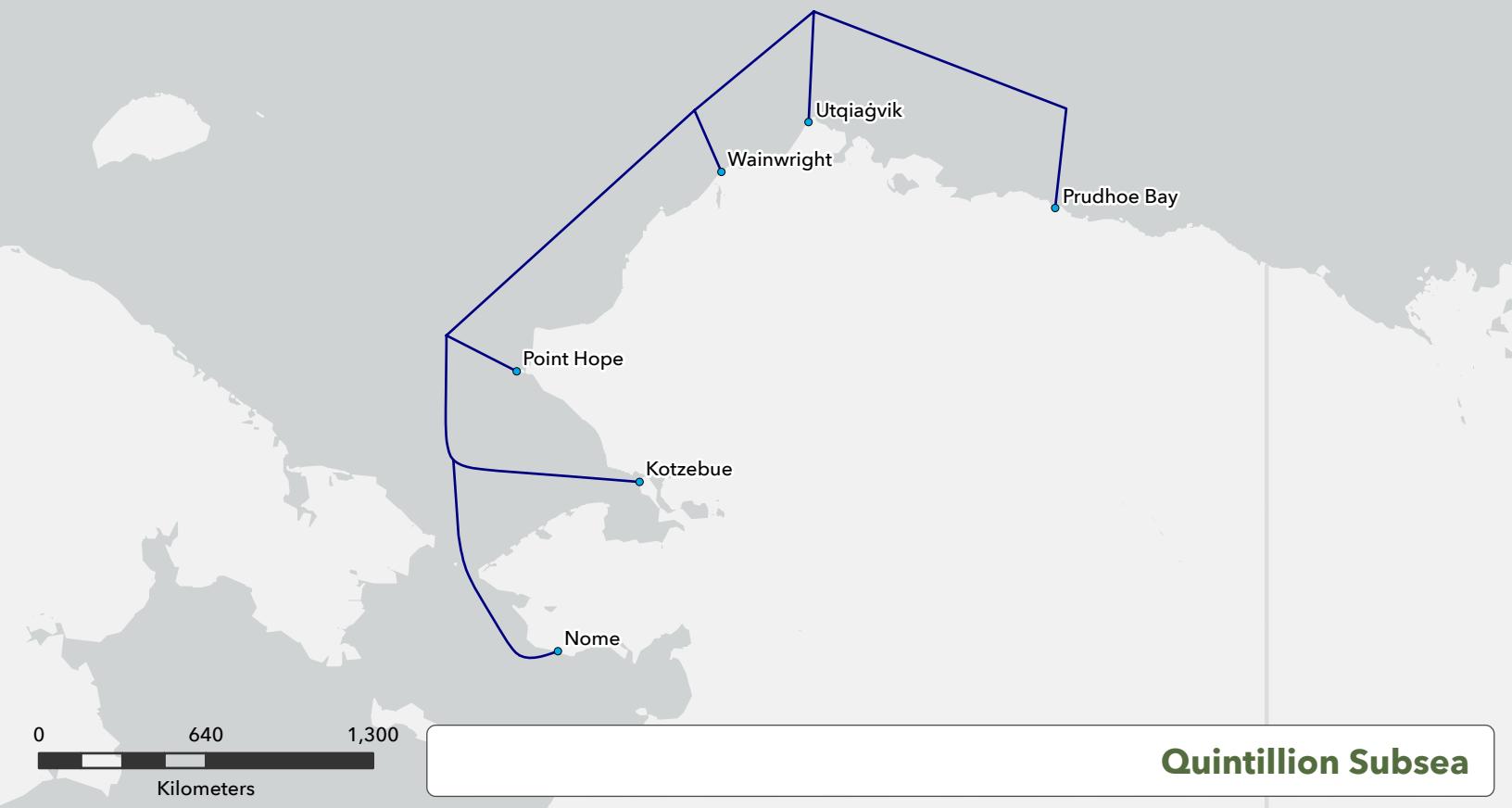


SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$16,000,000
Length (km)	6,000
Design Capacity (Tbps)	45
Fiber Pairs	6
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Not Available
Owner(s)	C&W, Setar N.V., Telconet, Telxius

LANDING POINTS

City	State/Province	Country
Balboa	Panamá	Panama
Cartagena	Bolívar	Colombia
Hudishibana		Aruba
Isla Verde		Puerto Rico
Jacksonville	Florida	United States
Manta	Manabí	Ecuador
Maria Chiquita	Colón	Panama
Tera Cora		Curaçao
Tortola		British Virgin Islands

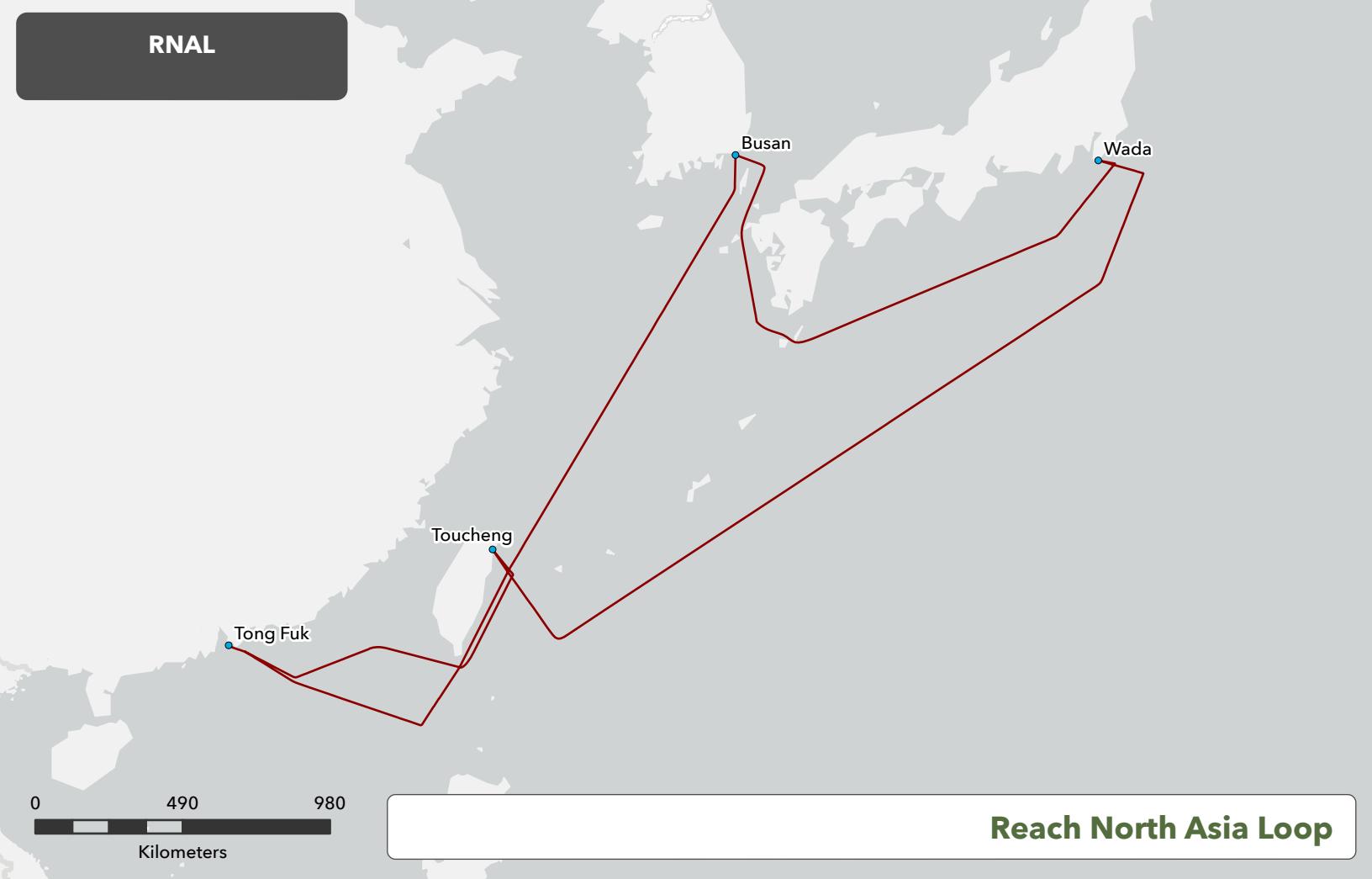


SYSTEM DETAILS

RFS Year	2017
EOS Year	2041
Est. System Cost (USD)	\$15,000,000
Length (km)	1,200
Design Capacity (Tbps)	30
Fiber Pairs	3
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Quintillion Subsea Holdings

LANDING POINTS

City	State/Province	Country
Kotzebue	Alaska	United States
Nome	Alaska	United States
Point Hope	Alaska	United States
Prudhoe Bay	Alaska	United States
Utgiaġvik	Alaska	United States
Wainwright	Alaska	United States



SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$90,000,000
Length (km)	9,792
Design Capacity (Tbps)	0.08
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	CenturyLink, FLAG Telecom, Global Cloud Xchange, PCCW Global, Telstra

LANDING POINTS

City	State/Province	Country
Busan	Yeongnam	South Korea
Tong Fuk	Hong Kong	China
Toucheng	Yilan	Taiwan
Wada	Chiba	Japan



0 1,000 2,000
Kilometers

South American Crossing

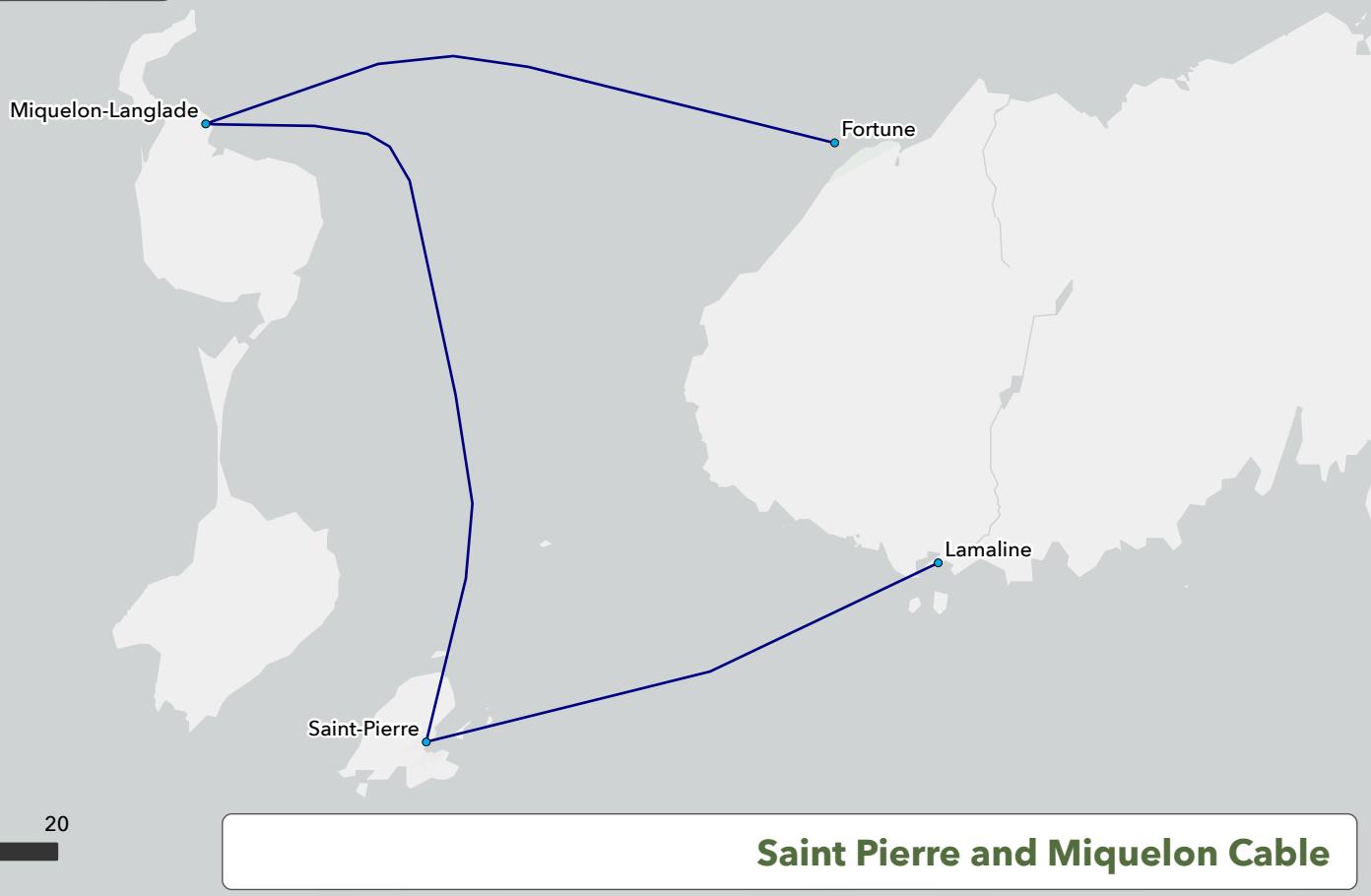
SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$52,000,000
Length (km)	15,983
Design Capacity (Tbps)	15.37
Fiber Pairs	4
Wavelengths per Fiber Pair	30
Capacity per Wavelength (Gbps)	40
System Supplier	ASN
System Installer	ASN
Owner(s)	CenturyLink

LANDING POINTS

City	State/Province	Country
Buenaventura	Valle del Cauca	Colombia
Fort Amador	Panama City	Panama
Fortaleza	Ceará	Brazil
Las Toninas	Buenos Aires Province	Argentina
Lurin	Lima	Peru
Puerto Viejo	Nueva Esparta	Venezuela
Rio de Janeiro	Rio de Janeiro	Brazil
Santos	São Paulo	Brazil
	St. Croix	U.S. Virgin Islands
Valparaíso	Valparaíso	Chile

Saint Pierre and Miquelon Cable

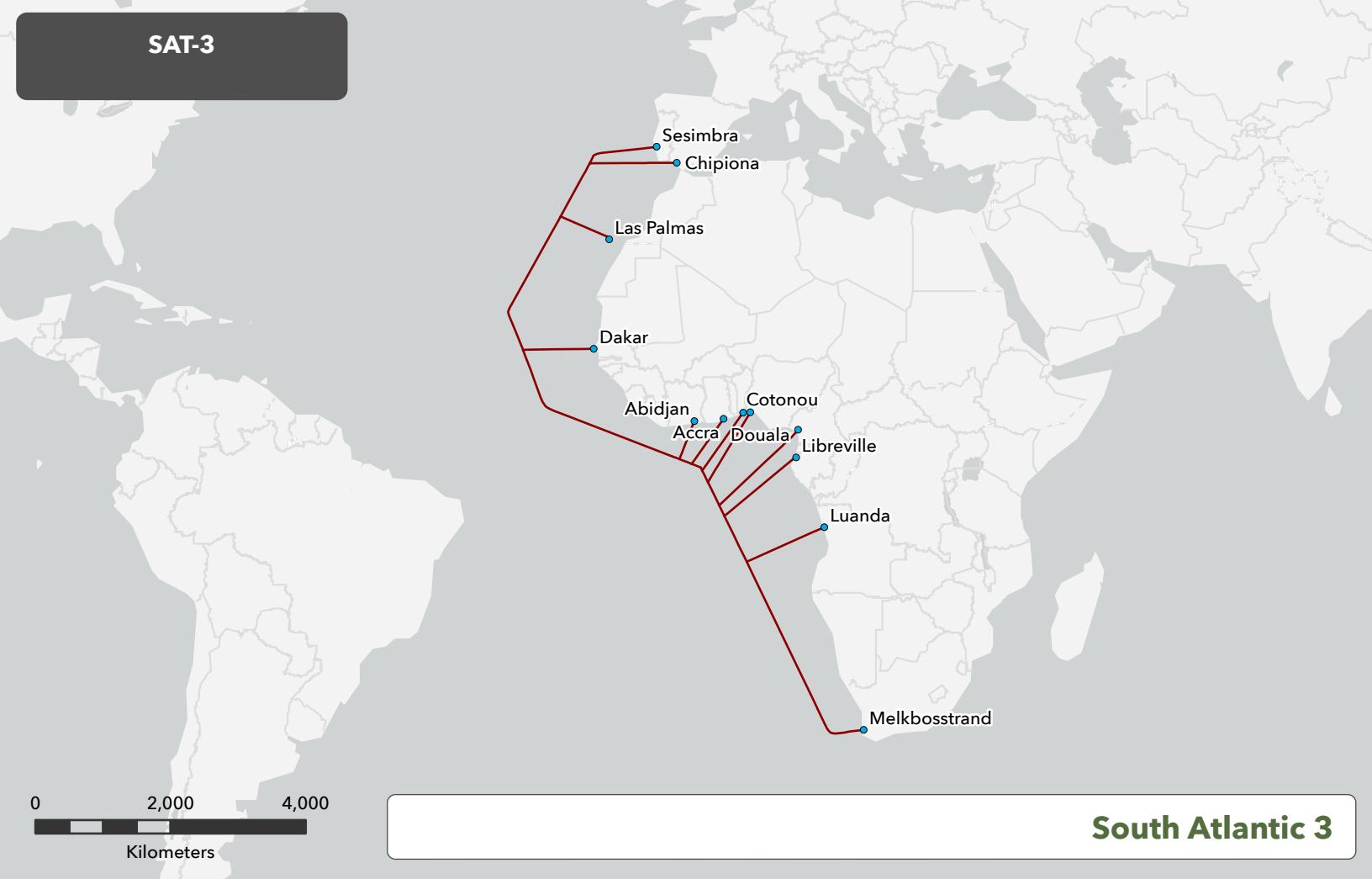


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$5,000,000
Length (km)	200
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	French Authority of St. Pierre and Miquelon

LANDING POINTS

City	State/Province	Country
Fortune	Newfoundland and	Canada
Lamaline	Newfoundland and	Canada
Miquelon-Langlade		St. Pierre and Miquelon
Saint-Pierre		St. Pierre and Miquelon

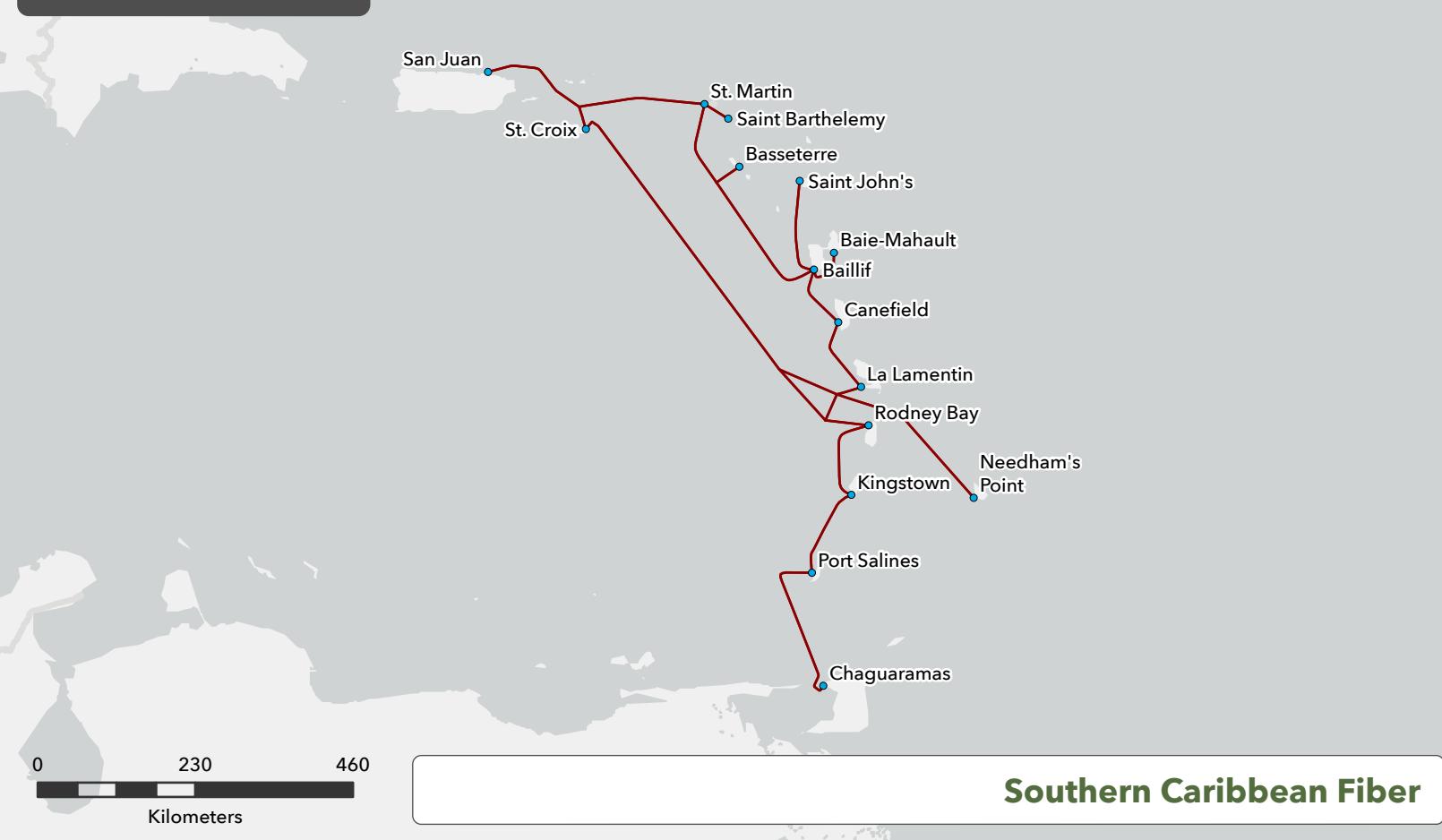


SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$37,000,000
Length (km)	14,350
Design Capacity (Tbps)	0.8
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	40
System Supplier	ASN
System Installer	ASN
Owner(s)	BT, C&W, CamTel, CIT, Côte d'Ivoire Telecom, CPRM, FT, Ghana Telecom, Maroc Telecom of Morocco, Nigerian Telecommunications Ltd., Nitel, OPT Benin, OPT Gabon, TATA Communications, TCI, Telecom Namibia, Telekom SA, Telxius, Togo Telecom

LANDING POINTS

City	State/Province	Country
Abidjan		Ivory Coast
Accra	Greater Accra Region	Ghana
	Las Palmas Canary Island	Spain
Chipiona	Cádiz	Spain
Cotonou		Benin
Dakar	Dakar	Senegal
Douala	Littoral Province	Cameroon
Lagos	Lagos	Nigeria
Libreville	Estuaire	Gabon
Luanda	Luanda Province	Angola
Melkbosstrand	Western Cape	South Africa
Sesimbra	Lisbon	Portugal



SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$52,500,000
Length (km)	2,100
Design Capacity (Tbps)	1.28
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, SubCom
System Installer	ASN, SubCom
Owner(s)	Digicel, Group Loret

LANDING POINTS

City	State/Province	Country
Baie-Mahault	Guadeloupe	France
Baillif	Guadeloupe	France
Basseterre	Saint Kitts	St. Kitts and Nevis
Canefield	St. Paul Parish	Dominica
Chaguaramas	Diego Martin	Trinidad and Tobago
Kingstown	St. Vincent and the Grenadines	St. Vincent and the Grenadines
La Lamentin	Martinique	France
Needham's Point	Saint Michael Parish	Barbados
Port Salines		Grenada
Rodney Bay	Gros Islet Quarter	St. Lucia
Saint Barthelemy	Guadeloupe	France
Saint John's		Antigua and Barbuda
San Juan		Puerto Rico
	St. Croix	U.S. Virgin Islands
St. Martin	Guadeloupe	France



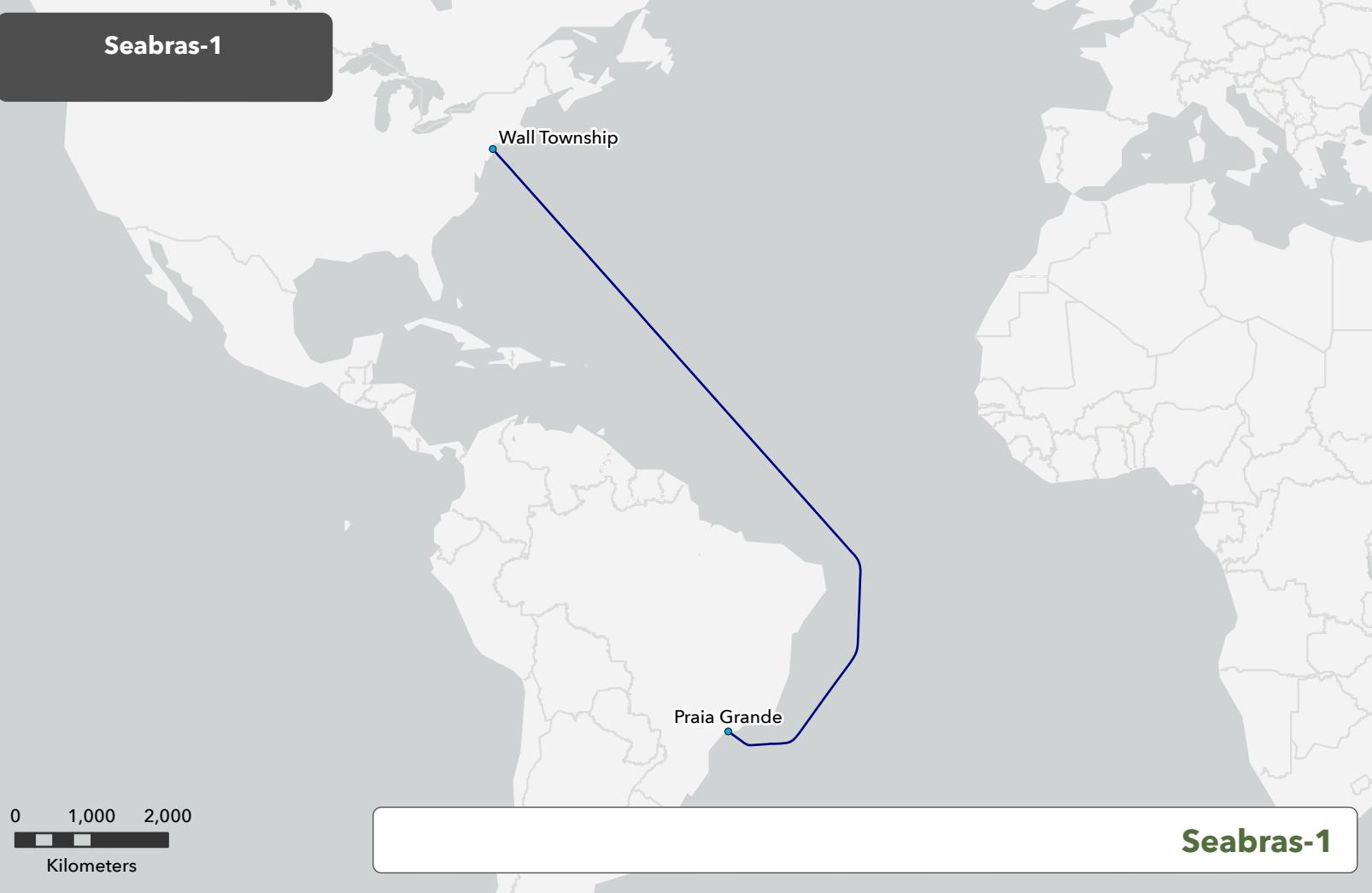
SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$10,000,000
Length (km)	20,000
Design Capacity (Tbps)	38
Fiber Pairs	3
Wavelengths per Fiber Pair	3
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, NEC
System Installer	ASN, Elettra, Orange
Owner(s)	Bangladesh Submarine Cable Company, China Global Telecommunications Limited, China Mobile International Ltd., China Network Communications Group Co. Ltd., Djibouti Telecom, Emirates Integrated Telecommunications Co., Myanmar Post and Telecom, PT Telekom, Saudi Telecom Company, Sri Lanka Telecom Limited, Telecom Italia Sparkle, Telekom Malaysia Berhad, TOT Public Co Ltd., Yemen International Telecommunications Co.

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Al Hudaydah	Al Hudaydah	Yemen
Catania	Sicily	Italy
Djibouti City	Djibouti	Djibouti
Dumai	Riau	Indonesia
Fujairah	Fujairah	United Arab Emirates
Karachi	Sindh	Pakistan
Kuakata	Barisal Division	Bangladesh
Marmaris	Muğla	Turkey
Matara	Souther Province	Sri Lanka
Medan	North Sumatra	Indonesia
Melaka	Malacca	Malaysia
Ngwe Saung	Ayeyarwady	Myanmar
Qalhat	Ash Sharqiyah	Oman
Toulon	Provence-Alpes-Côte d'Azur	France
Tuas	West Region	Singapore
Yanbu	Al Madinah Province	Saudi Arabia
Zaafarana	Red Sea Governorate	Egypt

Seabras-1

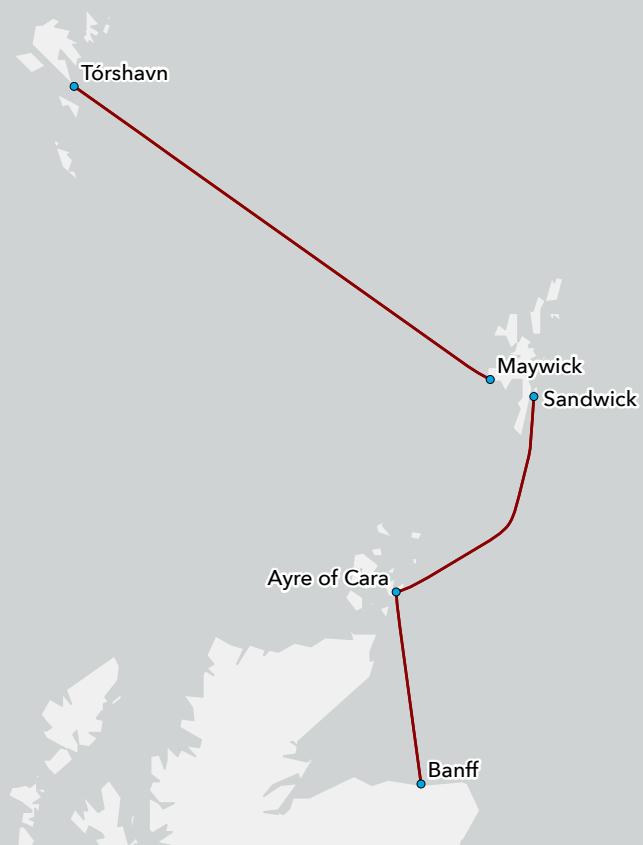


SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$50,900,000
Length (km)	10,750
Design Capacity (Tbps)	72
Fiber Pairs	6
Wavelengths per Fiber Pair	120
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Seaborn Group

LANDING POINTS

City	State/Province	Country
Praia Grande	São Paulo	Brazil
Wall Township	New Jersey	United States



0 240 480 Kilometers

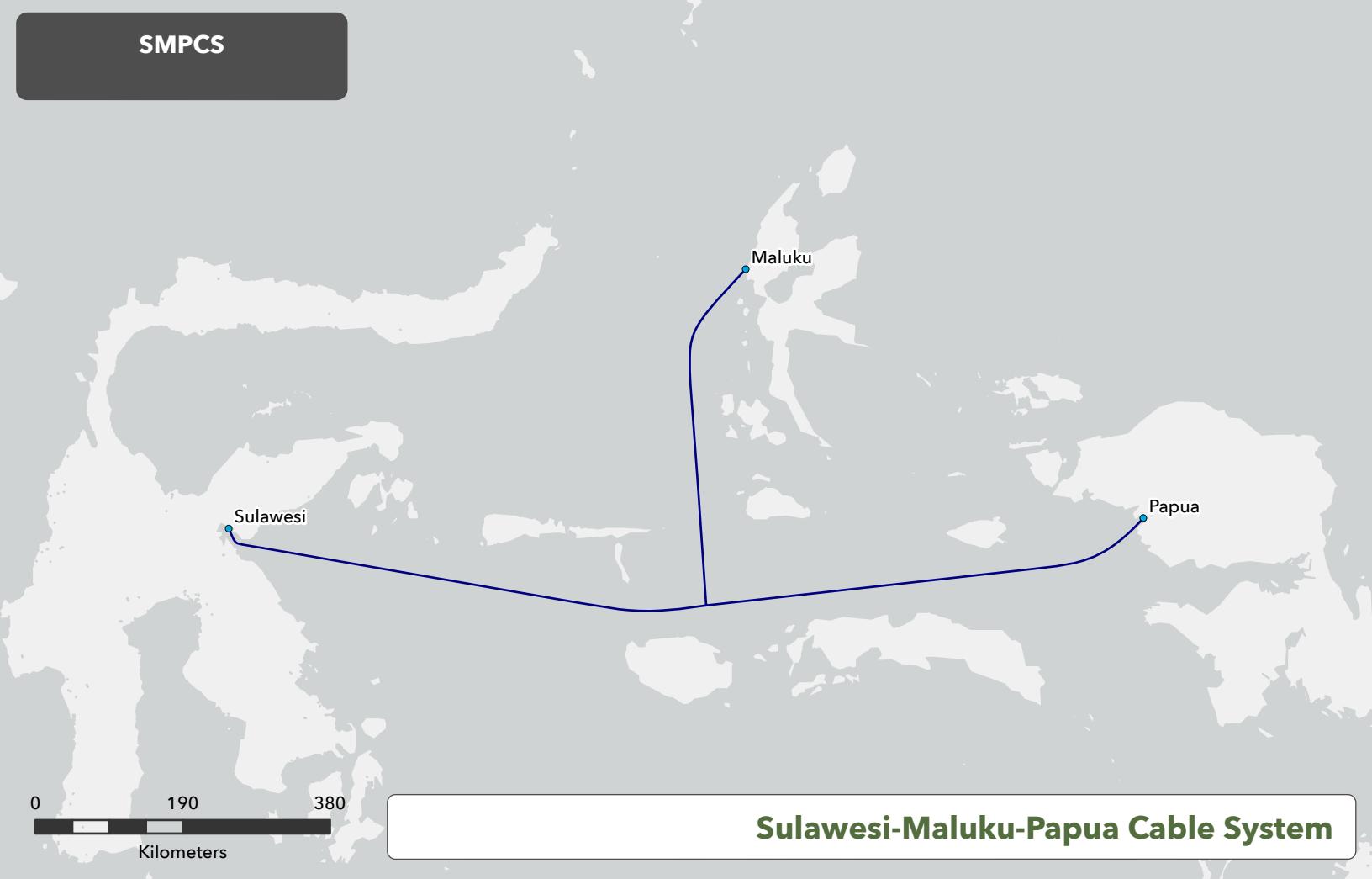
Shetland-Faroese 2

SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$27,000,000
Length (km)	828
Design Capacity (Tbps)	0.57
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, Xtera
System Installer	IT International Telecom
Owner(s)	Faroese Telecom

LANDING POINTS

City	State/Province	Country
Ayre of Cara	Scotland	United Kingdom
Banff	Scotland	United Kingdom
Maywick	Scotland	United Kingdom
Sandwick	Scotland	United Kingdom
Tórshavn		Faroe Islands



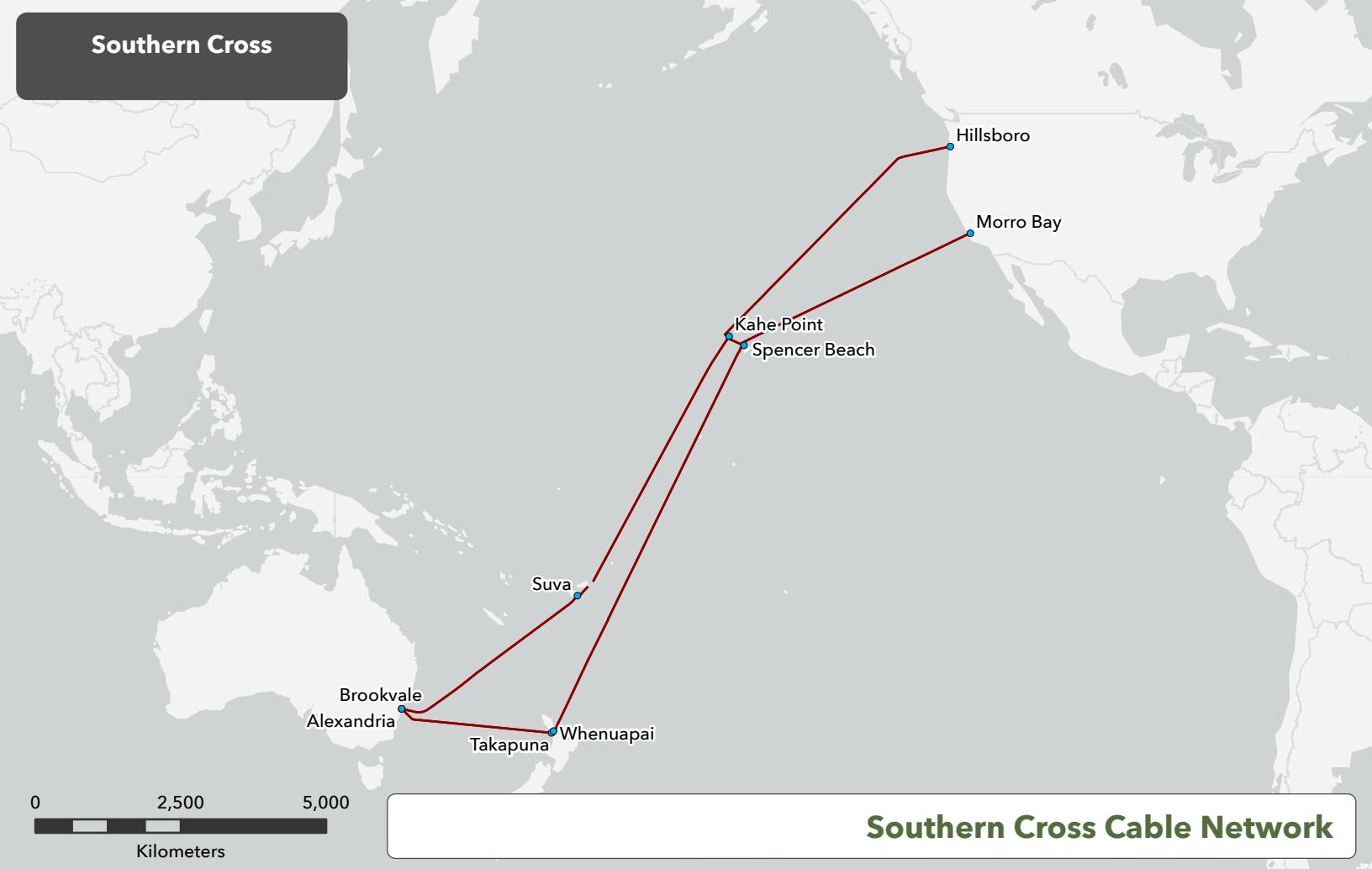
SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$71,100,000
Length (km)	2,000
Design Capacity (Tbps)	40
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	PT Telekom

LANDING POINTS

City	State/Province	Country
Maluku	Maluku	Indonesia
Papua	Papua	Indonesia
Sulawesi	Sulawesi	Indonesia

Southern Cross

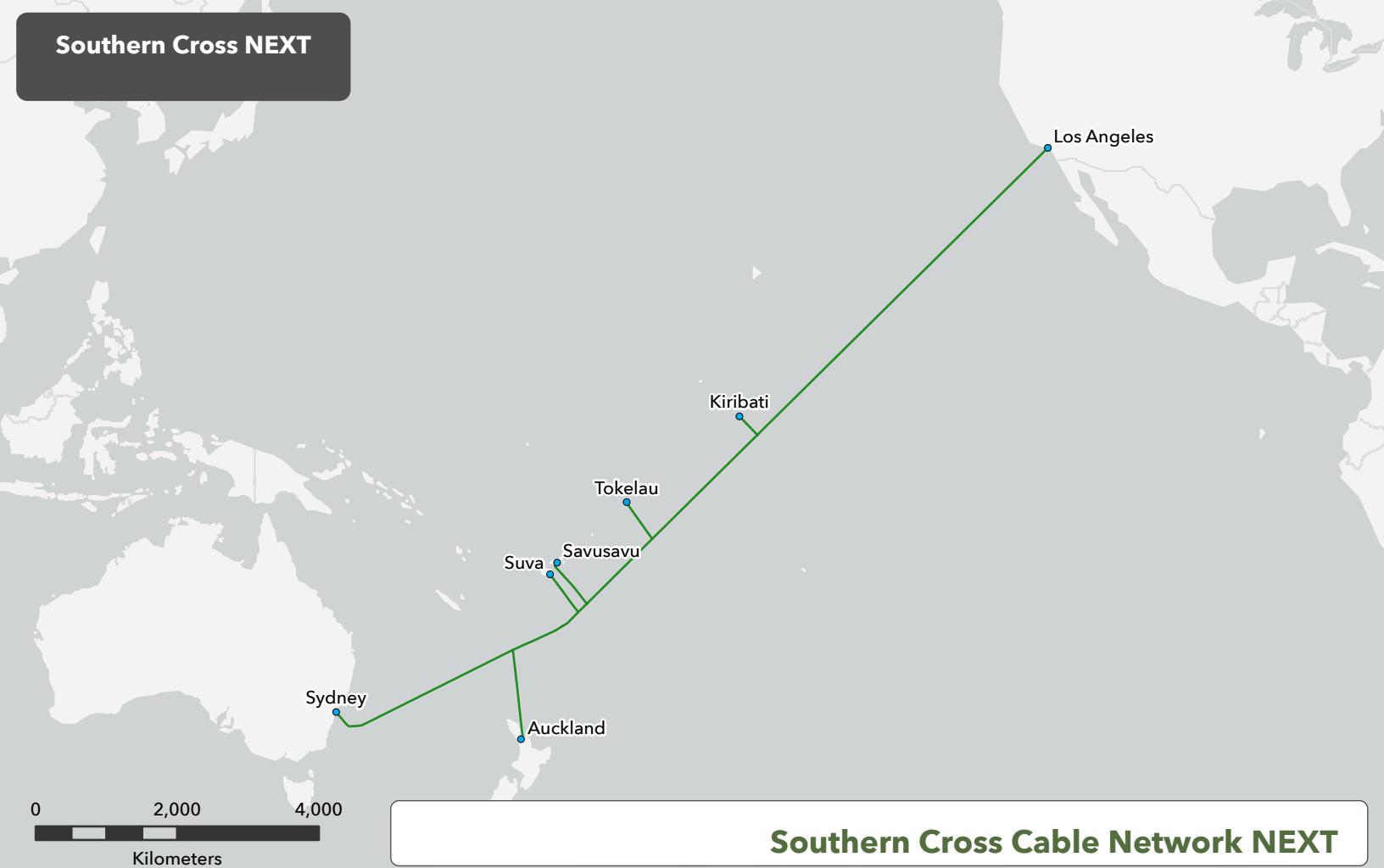


SYSTEM DETAILS

RFS Year	2000
EOS Year	2030
Est. System Cost (USD)	\$13,000,000
Length (km)	30,000
Design Capacity (Tbps)	22
Fiber Pairs	3
Wavelengths per Fiber Pair	16
Capacity per Wavelength (Gbps)	200
System Supplier	ASN, Fujitsu
System Installer	ASN, Orange
Owner(s)	Southern Cross Cables Limited

LANDING POINTS

City	State/Province	Country
Alexandria	New South Wales	Australia
Brookvale	New South Wales	Australia
Hillsboro	Oregon	United States
Kahe Point	Hawaii	United States
Morro Bay	California	United States
Spencer Beach	Hawaii	United States
Suva	Rewa	Fiji
Takapuna	Auckland	New Zealand
Whenuapai	Auckland	New Zealand



SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$30,000,000
Length (km)	15,840
Design Capacity (Tbps)	72
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	ASN
System Installer	ASN
Owner(s)	Southern Cross Cables Limited

LANDING POINTS

City	State/Province	Country
Auckland	Auckland	New Zealand
Los Angeles	California	United States
Savusavu	Cakaudrove	Fiji
Suva	Rewa	Fiji
Sydney	New South Wales	Australia
		Tokelau

**SYSTEM DETAILS**

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$10,000,000
Length (km)	121
Design Capacity (Tbps)	0.24
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	CenturyLink

LANDING POINTS

City	State/Province	Country
Broadstairs	England	United Kingdom
Ostend	West Flanders	Belgium

Tannat



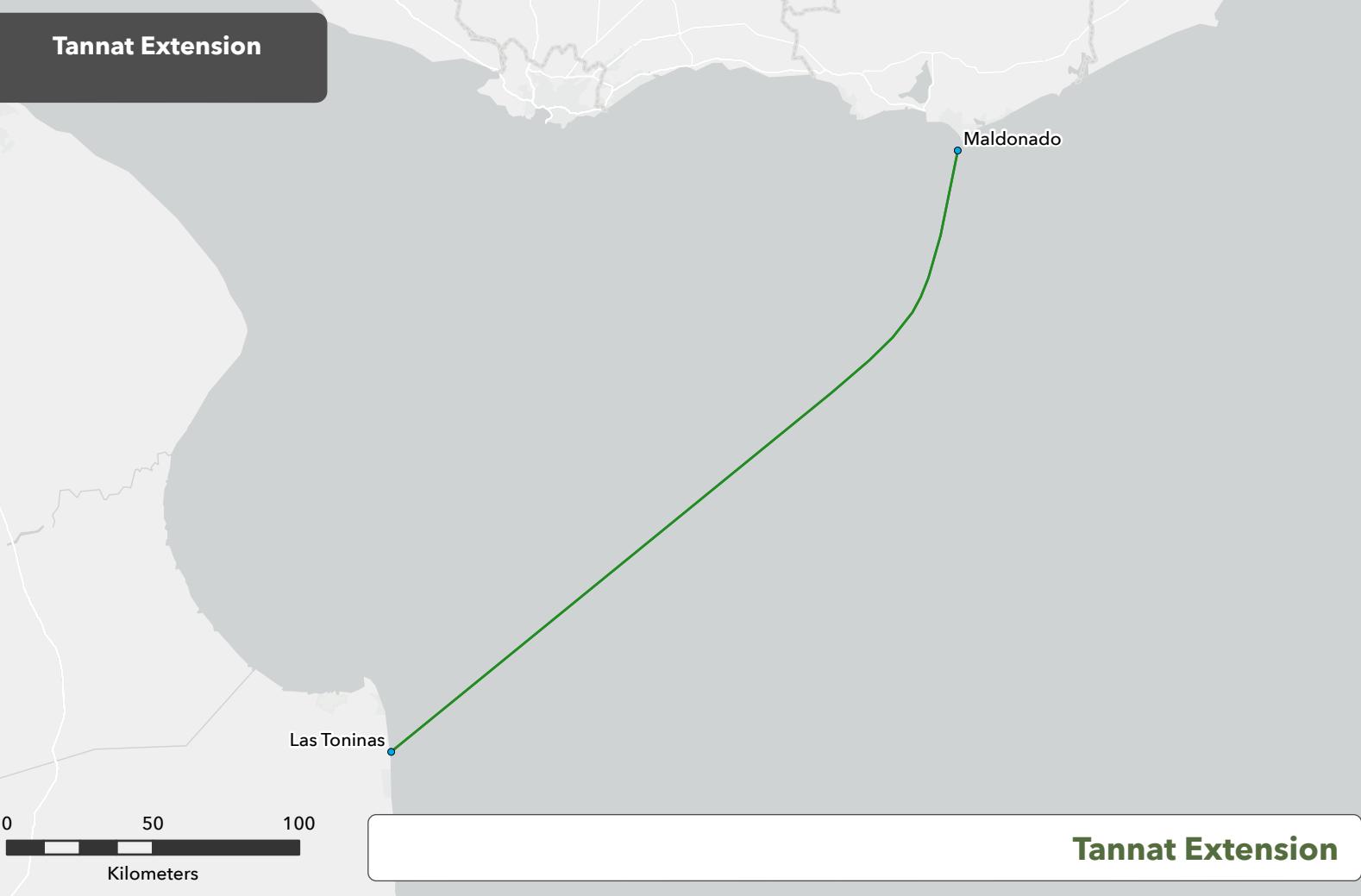
SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$50,000,000
Length (km)	2,000
Design Capacity (Tbps)	90
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Antel, Google, Government of Uruguay, Telxius

LANDING POINTS

City	State/Province	Country
Maldonado	Maldonado	Uruguay
Santos	São Paulo	Brazil

Tannat Extension

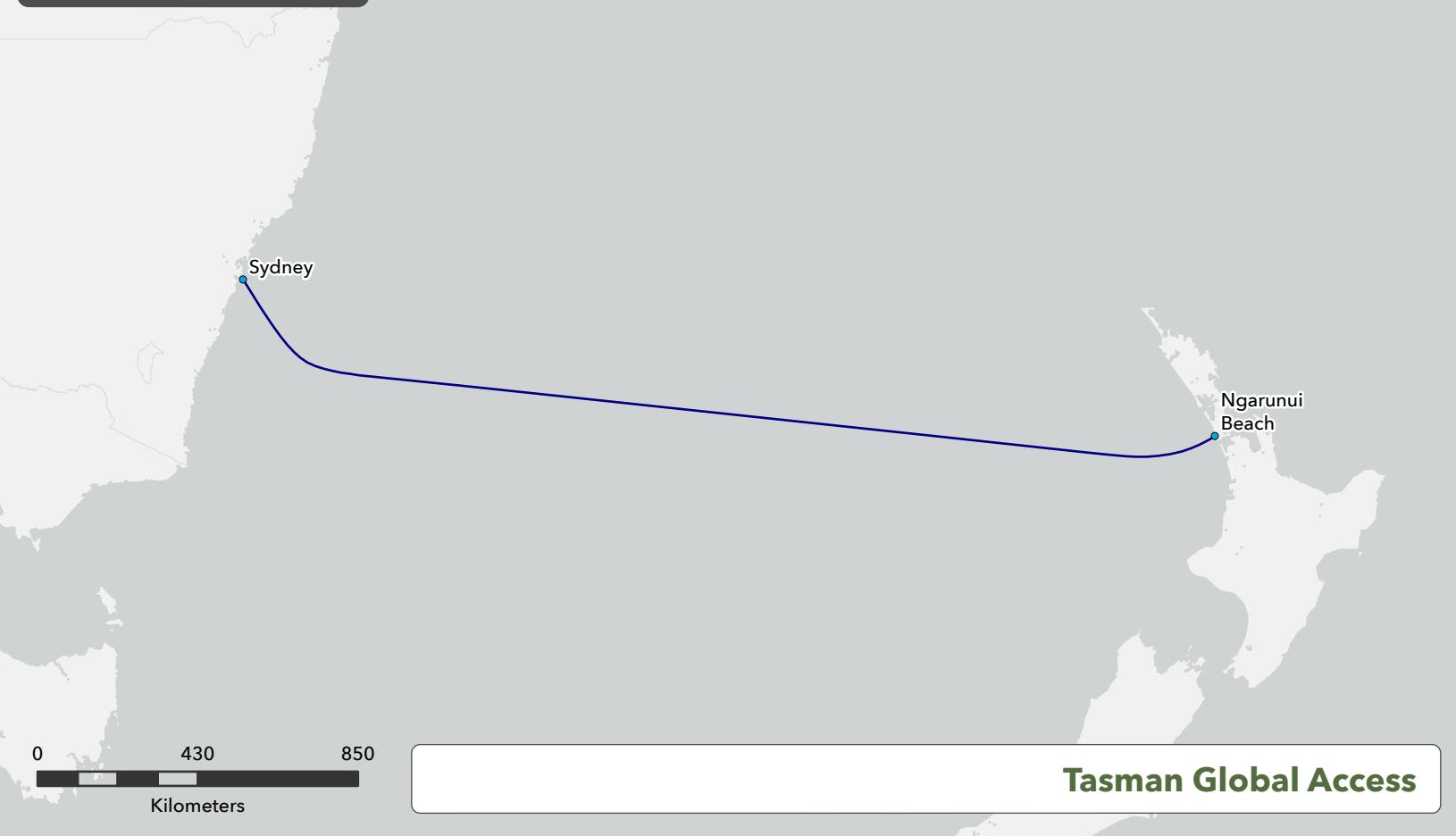


SYSTEM DETAILS

RFS Year	2020
EOS Year	2025
Est. System Cost (USD)	\$10,000,000
Length (km)	2,000
Design Capacity (Tbps)	90
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, SubCom
System Installer	ASN
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Las Toninas	Buenos Aires Province	Argentina
Maldonado	Maldonado	Uruguay



SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$60,000,000
Length (km)	2,300
Design Capacity (Tbps)	20
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Spark New Zealand, Telstra, Vodafone Limited

LANDING POINTS

City	State/Province	Country
Ngarunui Beach	Raglan	New Zealand
Sydney	New South Wales	Australia



0 75 150
Kilometers

Tonga Domestic Cable Extension

SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$10,500,000
Length (km)	390
Design Capacity (Tbps)	40
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Tonga Cable Limited

LANDING POINTS

City	State/Province	Country
Neiafu	Vava'u	Tonga
Nuku'alofa	Tongatapu	Tonga
Pangai	Ha'apai	Tonga

**SYSTEM DETAILS**

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$15,000,000
Length (km)	2,938
Design Capacity (Tbps)	20
Fiber Pairs	8
Wavelengths per Fiber Pair	25
Capacity per Wavelength (Gbps)	100
System Supplier	ASN

System Installer	Not Available
Owner(s)	Telecom Egypt

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Cyprus		Cyprus
Marseille	Provence-Alpes-Côte d'Azur	France

TEAMS



The East African Marine System

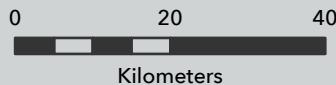
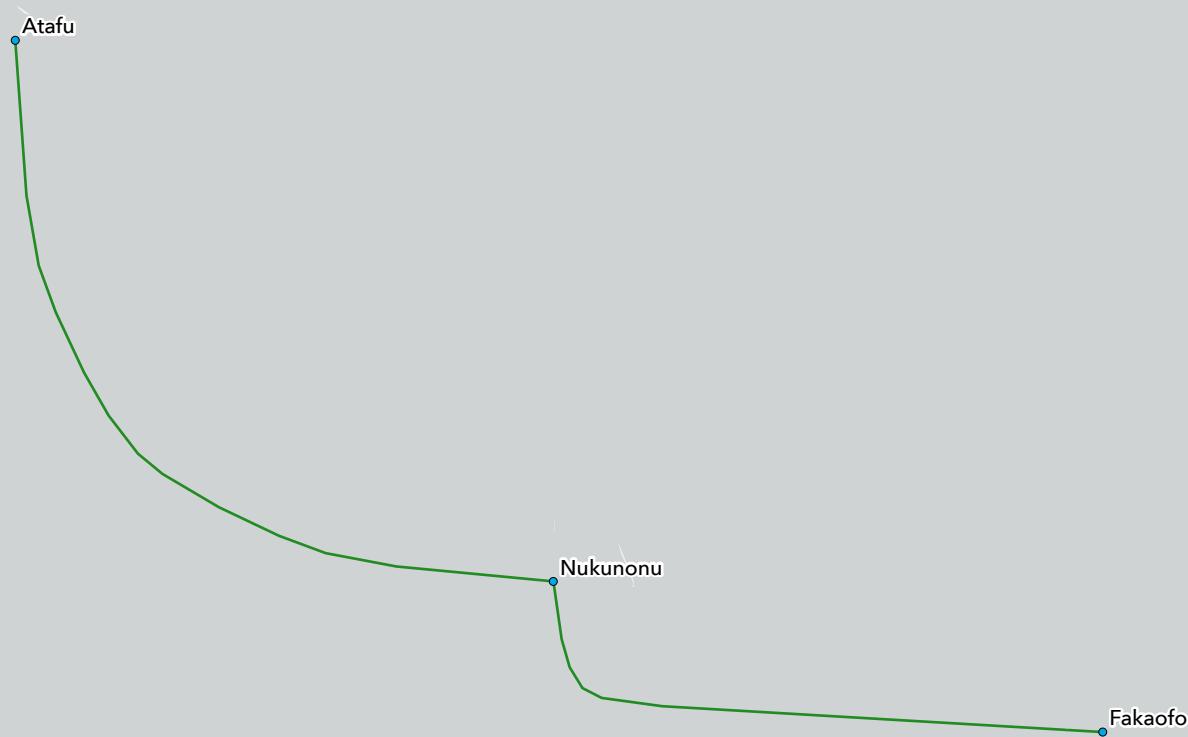
SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$13,000,000
Length (km)	4,500
Design Capacity (Tbps)	1.28
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Etisalat, TEAMS Ltd.

LANDING POINTS

City	State/Province	Country
Fujairah	Fujairah	United Arab Emirates
Mombasa	Mombasa	Kenya

Tokelau Domestic Submarine Cable



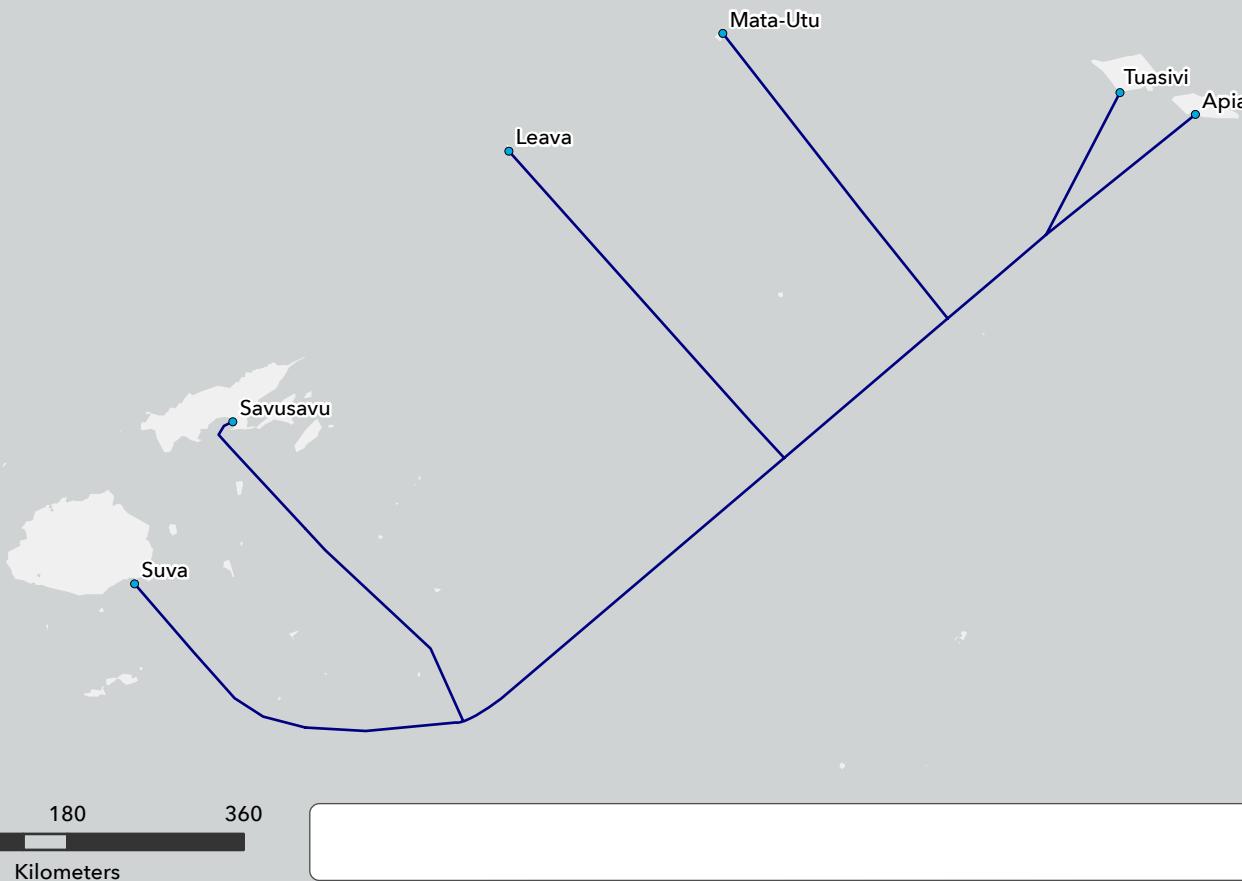
Tokelau Domestic Submarine Cable

SYSTEM DETAILS

RFS Year	2023
EOS Year	2048
Est. System Cost (USD)	\$6,250,000
Length (km)	250
Design Capacity (Tbps)	20
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	ASN
Owner(s)	Teletok

LANDING POINTS

City	State/Province	Country
Atafu		Tokelau
Fakaofa		Tokelau
Nukunonu		Tokelau



SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$32,500,000
Length (km)	1,410
Design Capacity (Tbps)	17.6
Fiber Pairs	2
Wavelengths per Fiber Pair	88
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	ASN
Owner(s)	Samoa Submarine Cable Company

LANDING POINTS

City	State/Province	Country
Apia	Tuamasaga	Samoa
Leava	Sigave	Wallis and Futuna
Mata-Utu		Wallis and Futuna
Savusavu	Cakaudrove	Fiji
Suva	Rewa	Fiji
Tuasivi	Savai'i	Samoa



Ultramar GE

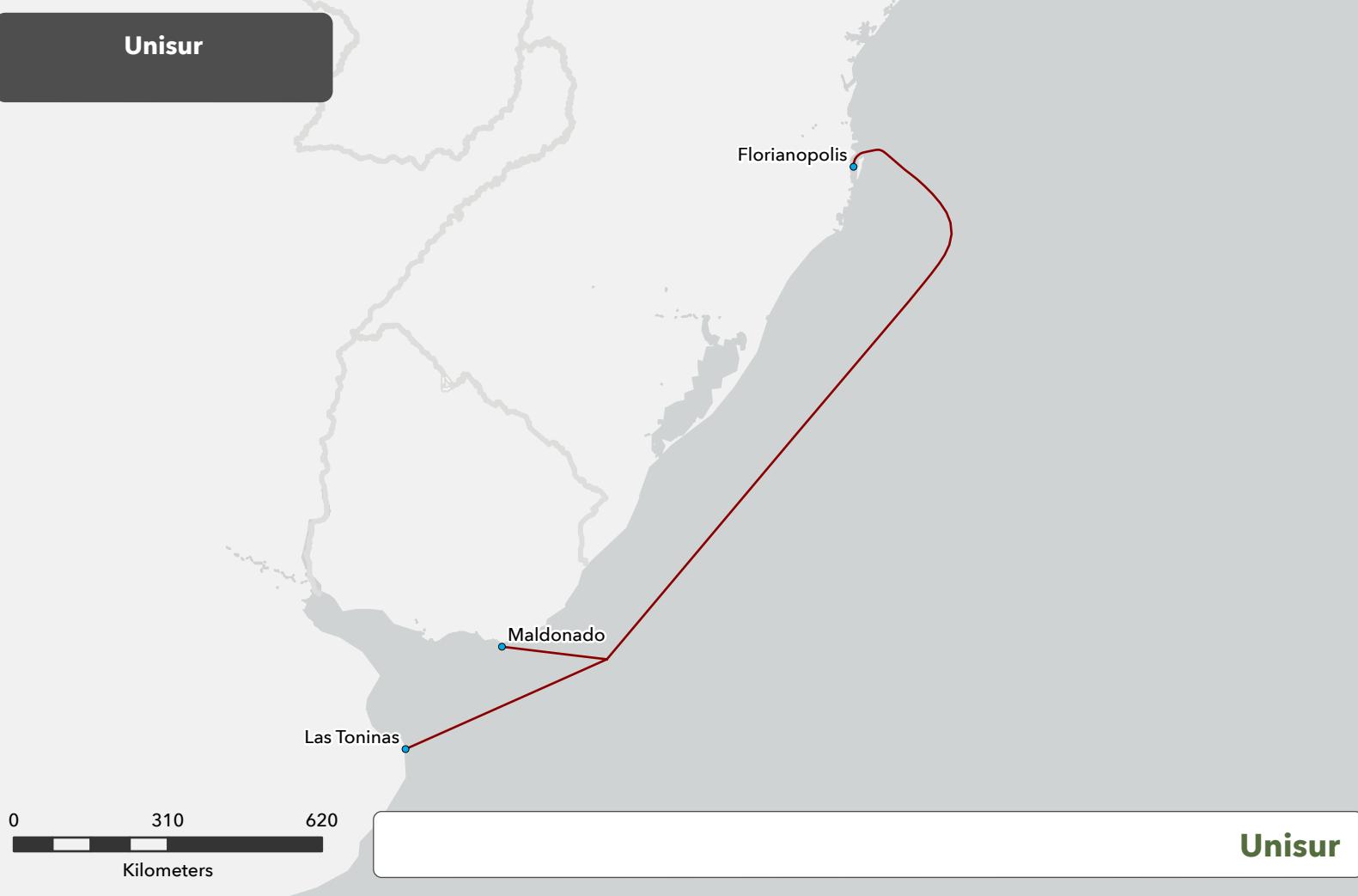
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$6,575,000
Length (km)	263
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN

LANDING POINTS

City	State/Province	Country
Annobón	Equatorial Guinea	Equatorial Guinea
São Tome		Sao Tome and Principe

System Installer	ASN
Owner(s)	Gestor de Infraestructuras de Telecomunicaciones de Guinea Ecuatorial (GITGE)

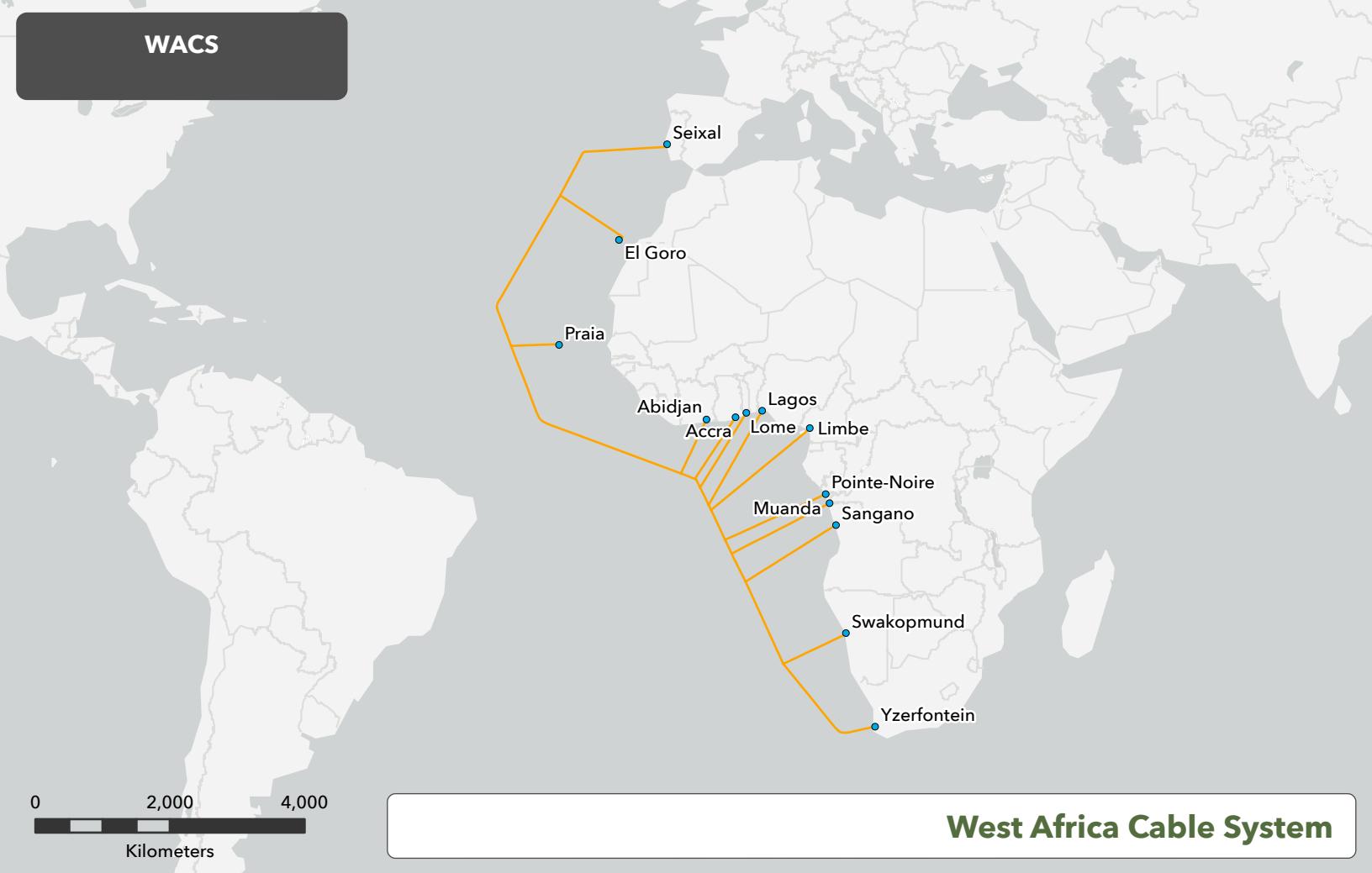


SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$74,000,000
Length (km)	1,720
Design Capacity (Tbps)	0.00056
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN
System Installer	Not Available
Owner(s)	Antel, Embratel, Telecom Argentina, Telxius

LANDING POINTS

City	State/Province	Country
Florianopolis	Santa Catarina	Brazil
Las Toninas	Buenos Aires Province	Argentina
Maldonado	Maldonado	Uruguay



SYSTEM DETAILS

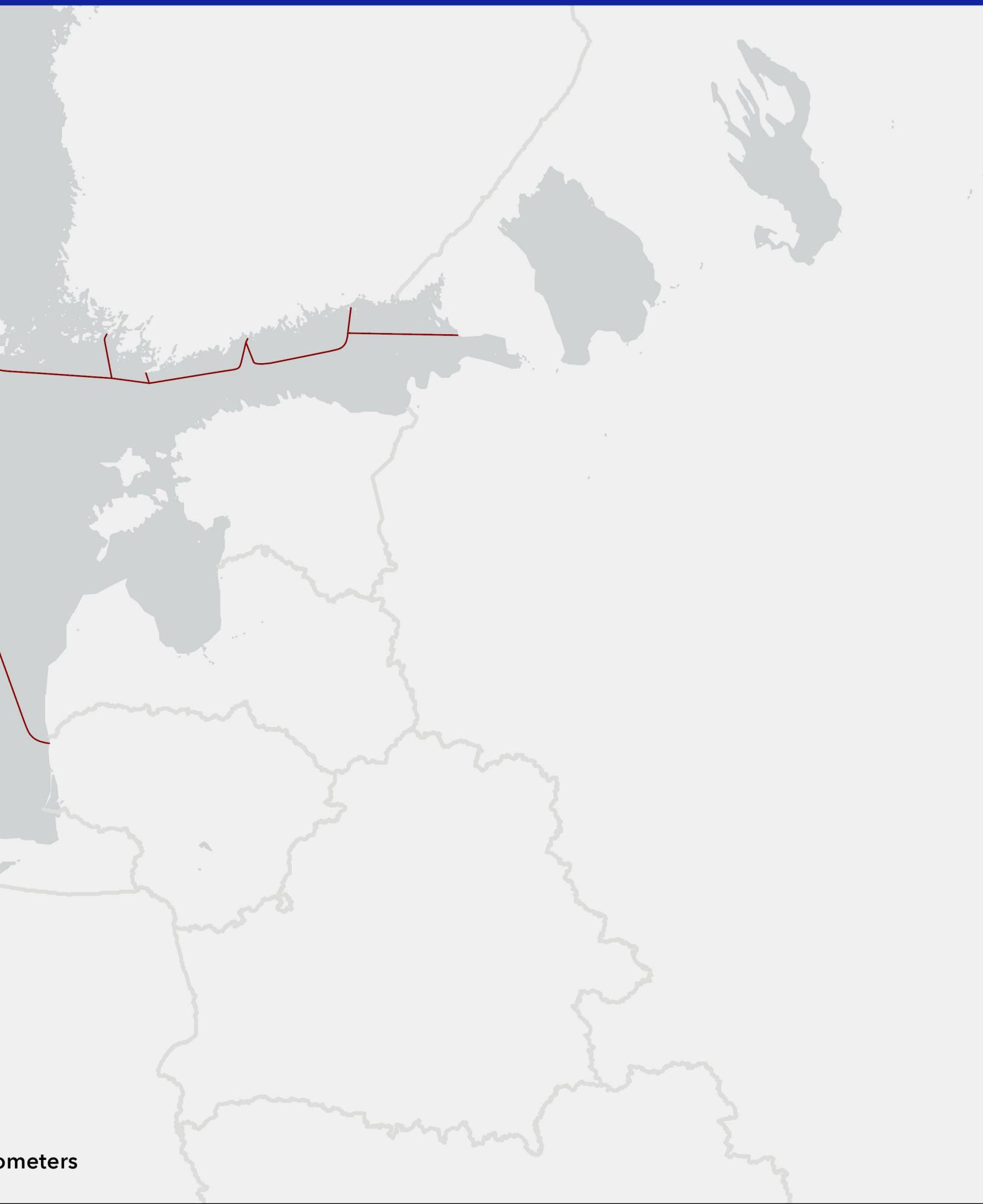
RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$60,000,000
Length (km)	14,350
Design Capacity (Tbps)	14.5
Fiber Pairs	4
Wavelengths per Fiber Pair	32
Capacity per Wavelength (Gbps)	100
System Supplier	ASN
System Installer	Not Available
Owner(s)	Altice Portugal, Broadband Infraco, C&W, Cabo Verde Telecom (CVT), CamTel, Congo Telecom, Liquid Intelligent Technologies, MTN Group, Office Congolais de Poste et Telecommunication, PCCW Global, TATA Communications, Telecom Namibia, Telekom SA, Togo Telecom, Vodacom

LANDING POINTS

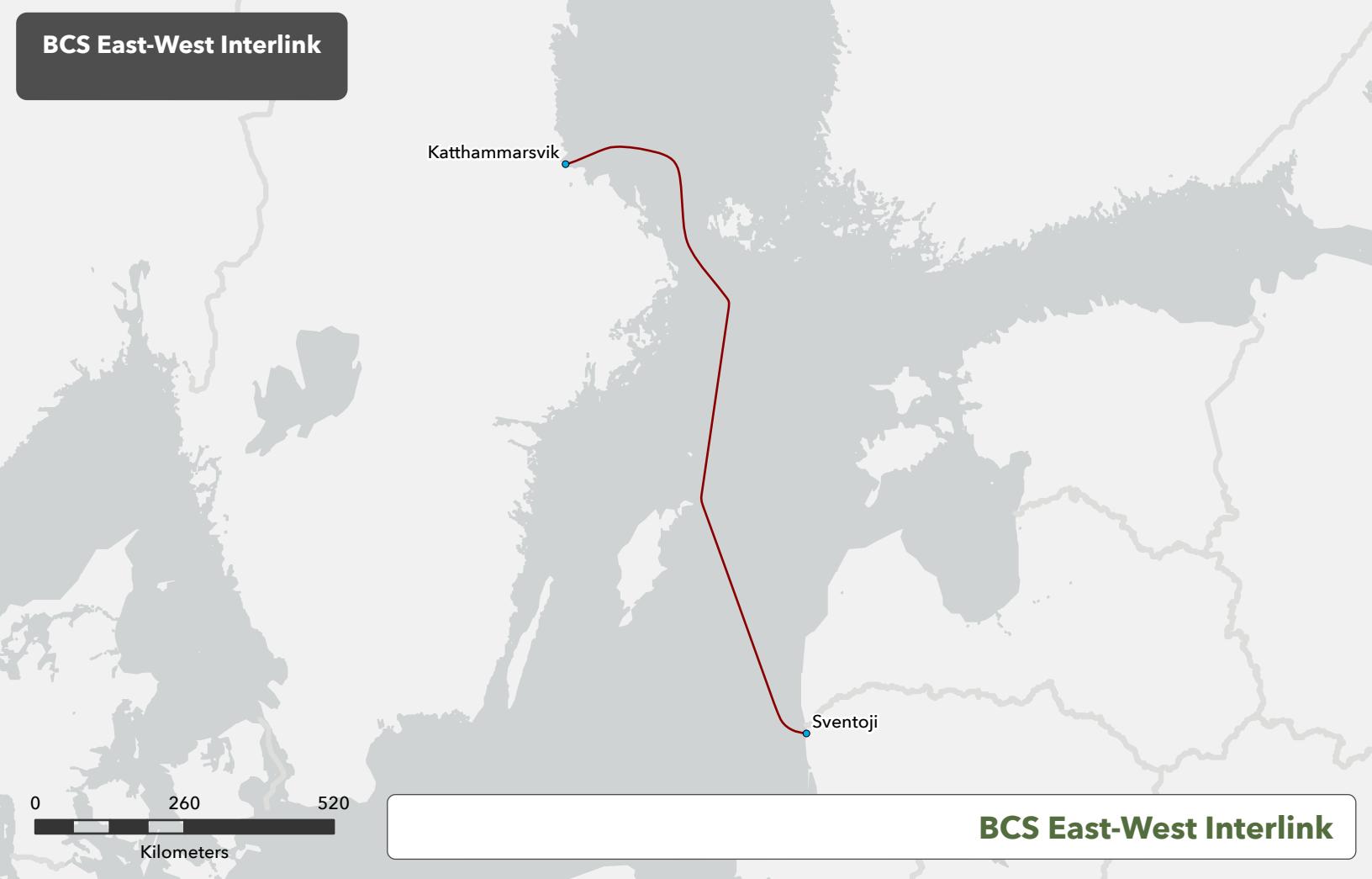
City	State/Province	Country
Abidjan		Ivory Coast
Accra	Greater Accra Region	Ghana
El Goro	Canary Islands	Spain
Lagos	Lagos	Nigeria
Limbe	Southwest Province	Cameroon
Lome	Golfe	Togo
Muanda	Kongo Central	Dem. Republic of the
Pointe-Noire	Pointe-Noire Department	Dem. Republic of the
Praia	Praia	Cape Verde
Sangano	Luanda Province	Angola
Seixal	Lisbon	Portugal
Swakopmund	Erongo	Namibia
Yzerfontein	Western Cape	South Africa

In Service System





BCS East-West Interlink



BCS East-West Interlink

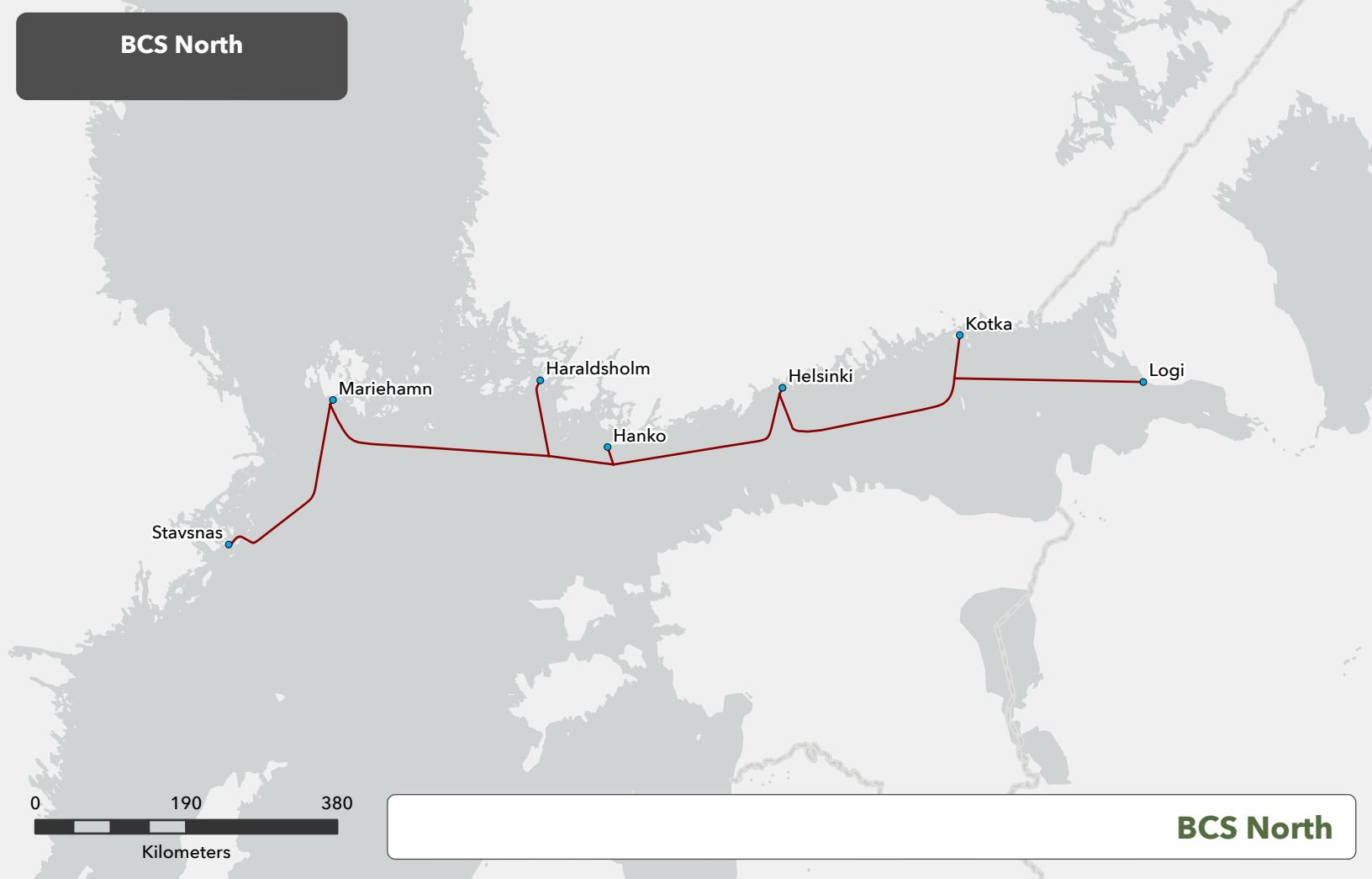
SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$20,000,000
Length (km)	218
Design Capacity (Tbps)	Not Available
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson

LANDING POINTS

City	State/Province	Country
Katthammarsvik	Gotland	Sweden
Sventoji	Klaipėda	Lithuania

System Installer	Swedia Networks
Owner(s)	Arelion



SYSTEM DETAILS

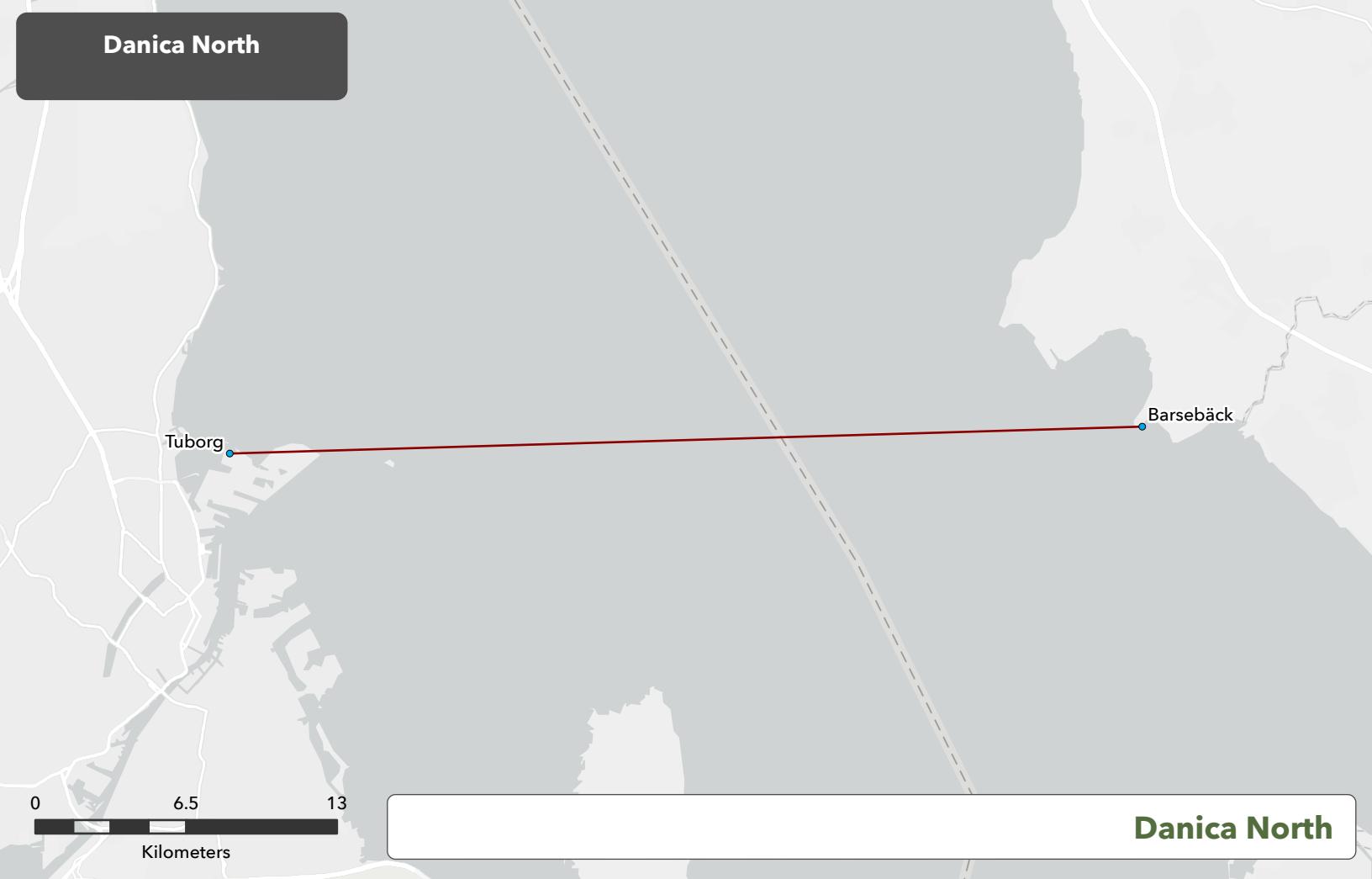
RFS Year	1997
EOS Year	2028
Est. System Cost (USD)	\$30,000,000
Length (km)	793
Design Capacity (Tbps)	Not Available
Fiber Pairs	66
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson

System Installer	Swedia Networks
Owner(s)	Arelion

LANDING POINTS

City	State/Province	Country
Hanko	Western Uusimaa	Finland
Haraldsholm	Southwest Finland	Finland
Helsinki	Uusimaa	Finland
Kotka	Kymen-laasko	Finland
Logi	Leningrad Oblast	Russia
Mariehamn	Åland	Finland
Stavsnas	Stockholm	Sweden

Danica North

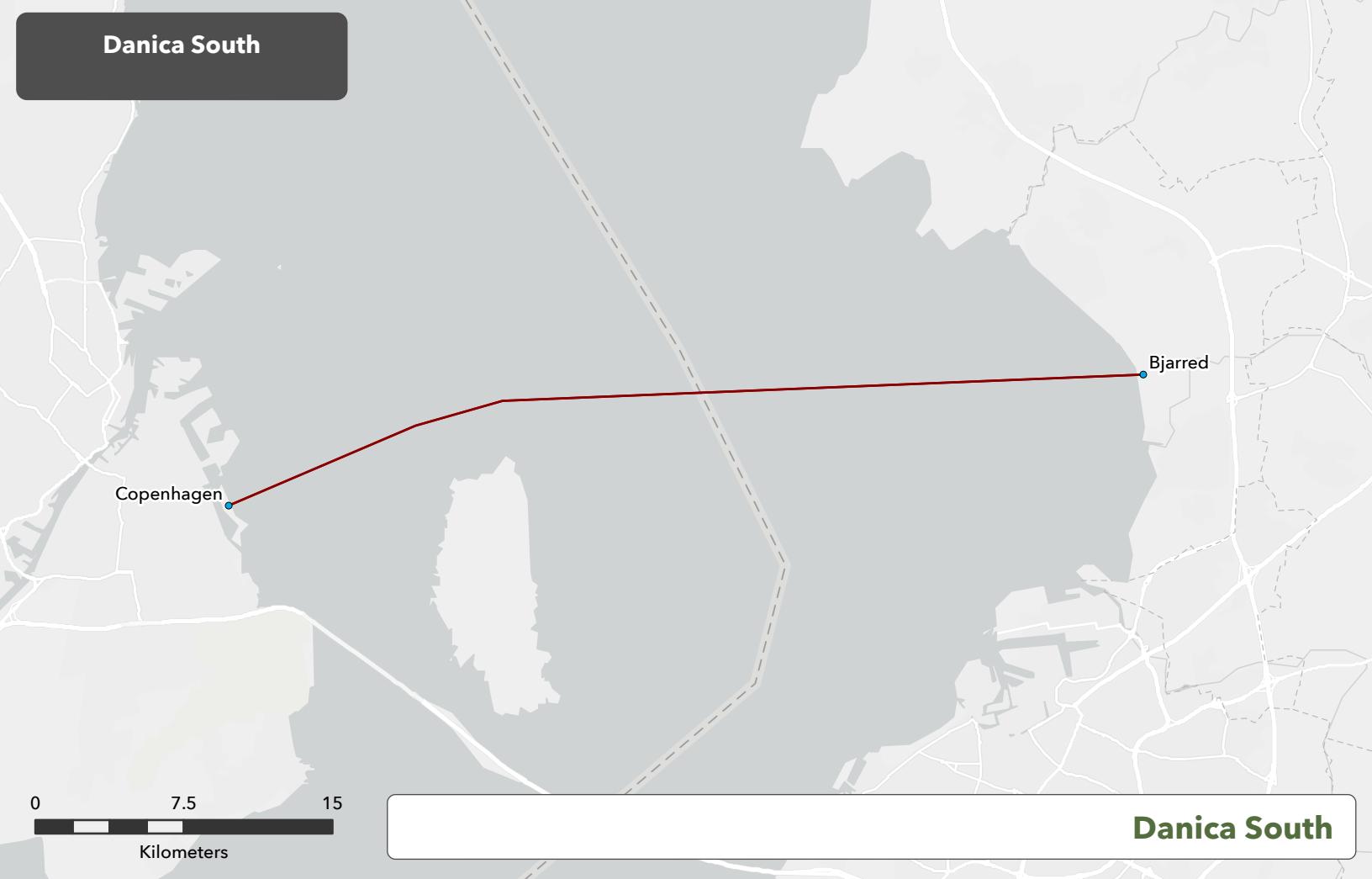


SYSTEM DETAILS

RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$10,000,000
Length (km)	25
Design Capacity (Tbps)	0.01
Fiber Pairs	48
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson
System Installer	Not Available
Owner(s)	Arelion

LANDING POINTS

City	State/Province	Country
Barsebäck	Skåne	Sweden
Tuborg	Nordjylland	Denmark



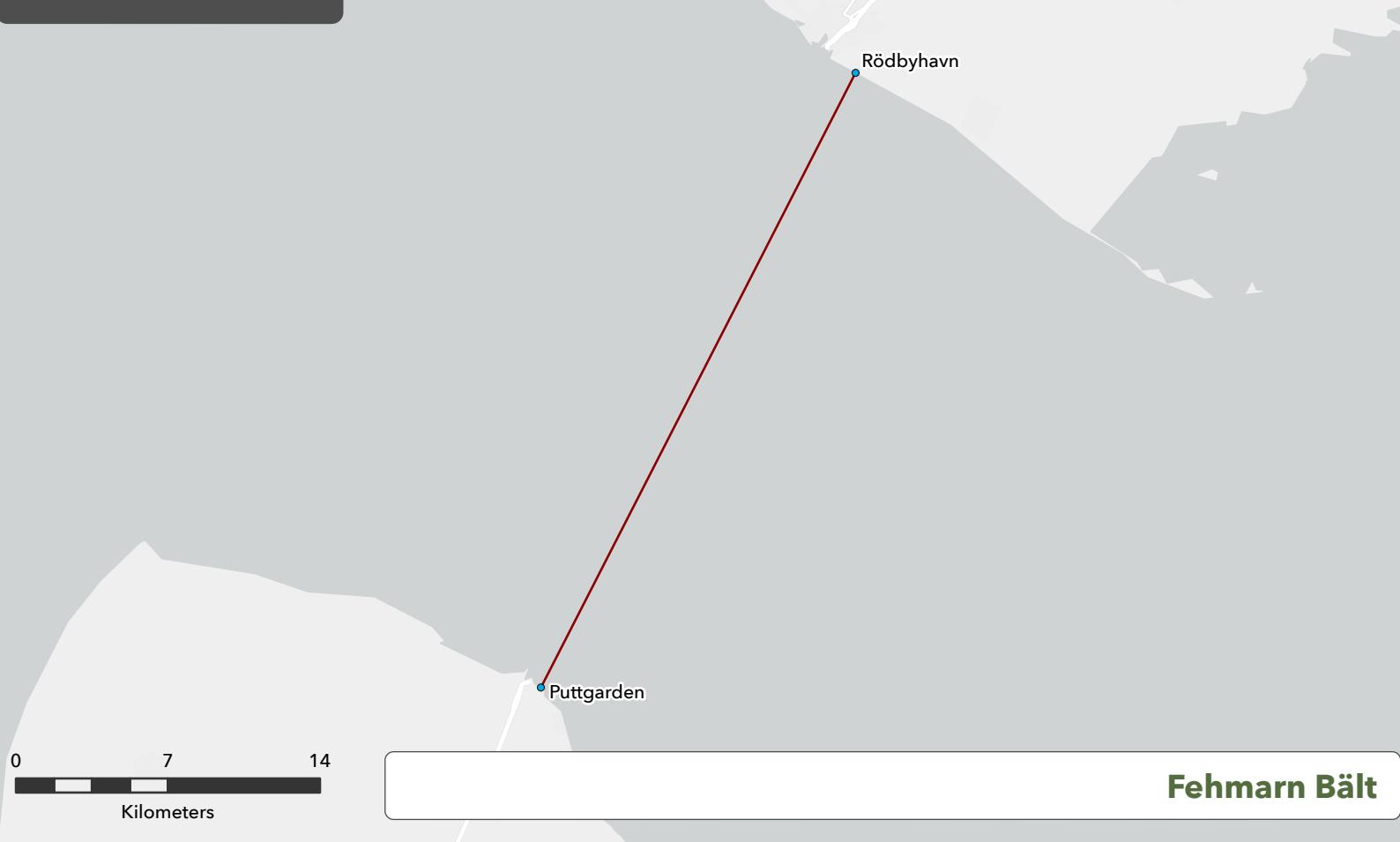
SYSTEM DETAILS

RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$500,000
Length (km)	20
Design Capacity (Tbps)	0.01
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson, Nexans

LANDING POINTS

City	State/Province	Country
Bjarred	Skåne	Sweden
Copenhagen	Sjælland	Denmark

System Installer	Not Available
Owner(s)	Arelion

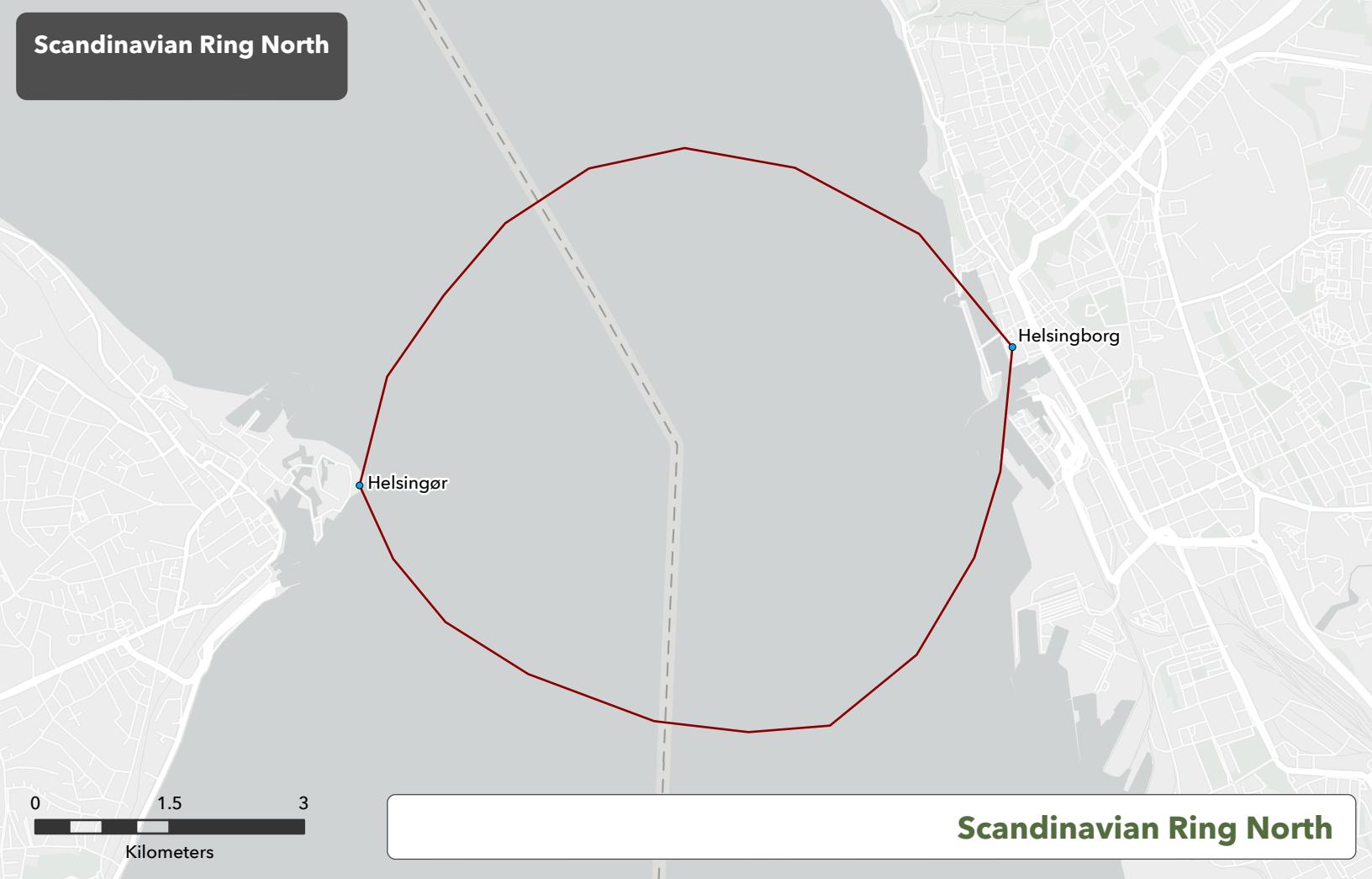


SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$10,000,000
Length (km)	20
Design Capacity (Tbps)	0.0025
Fiber Pairs	192
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson
System Installer	Nexans
Owner(s)	Arelion

LANDING POINTS

City	State/Province	Country
Puttgarden	Schleswig-Holstein	Germany
Rödbyhavn	Syddanmark	Denmark



SYSTEM DETAILS

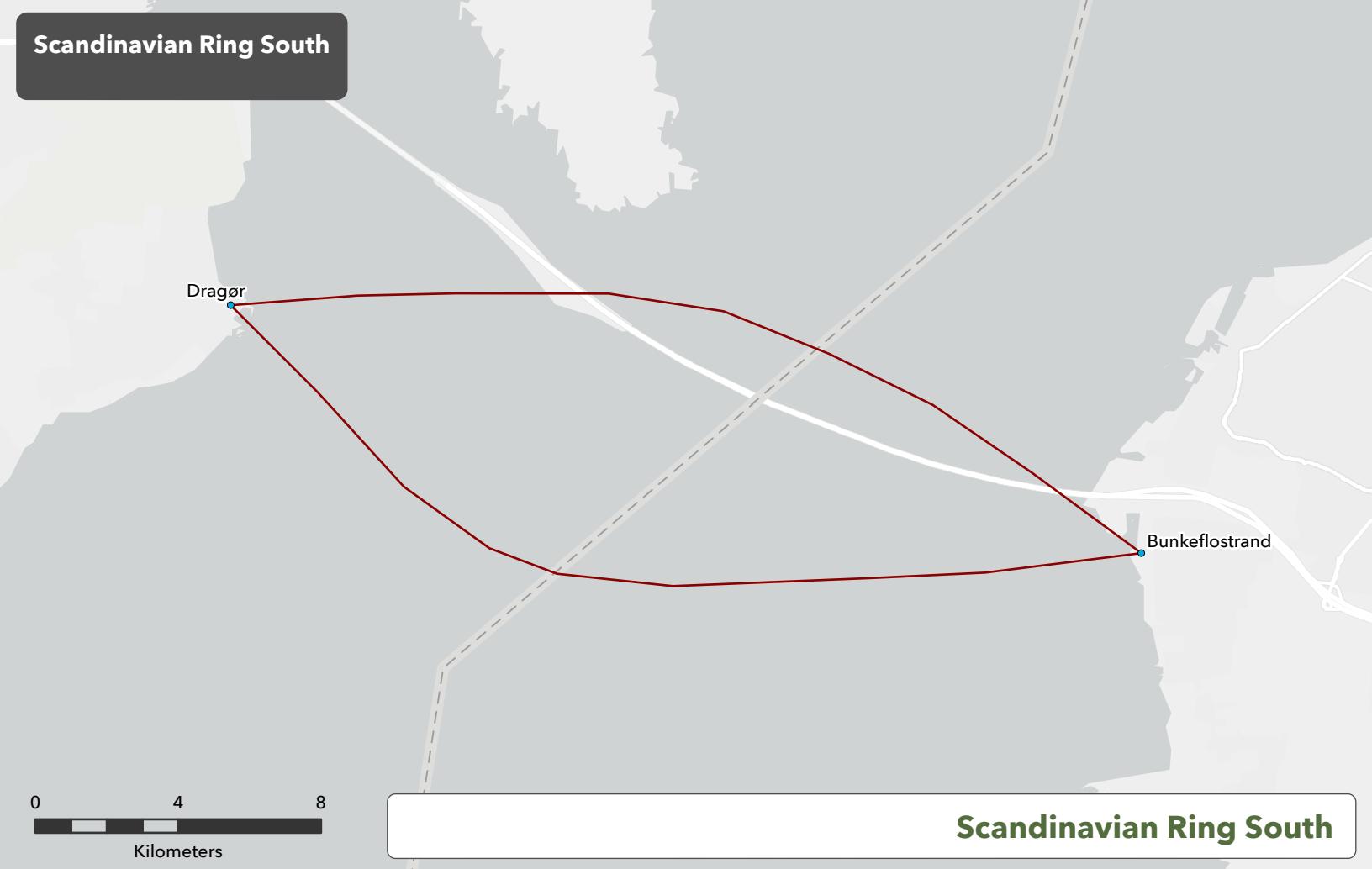
RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$250,000
Length (km)	10
Design Capacity (Tbps)	0.24
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson

LANDING POINTS

City	State/Province	Country
Helsingborg	Skåne	Sweden
Helsingør	Syddanmark	Denmark

System Installer	Nexans
Owner(s)	Arelion

Scandinavian Ring South



Scandinavian Ring South

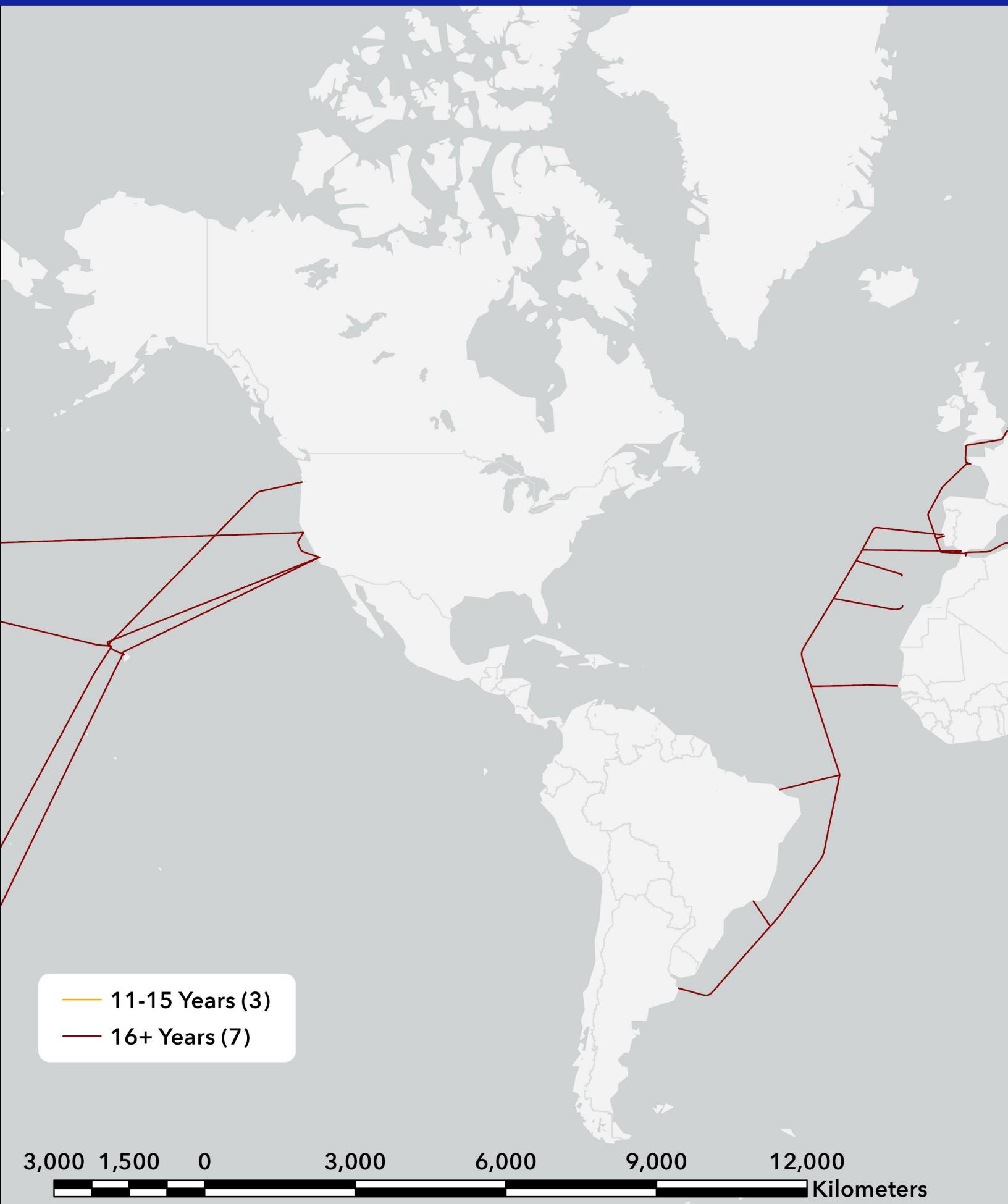
SYSTEM DETAILS

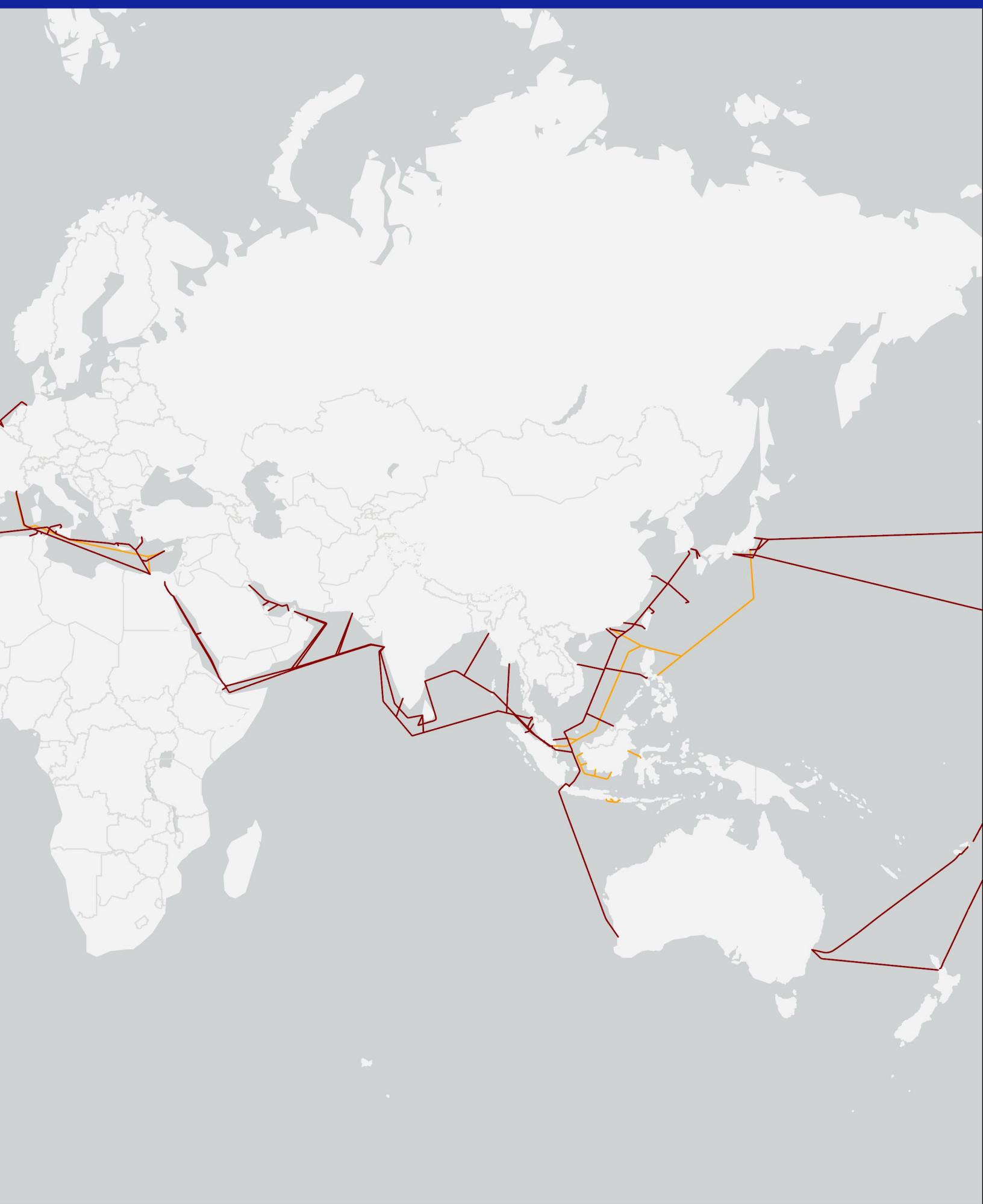
RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$800,000
Length (km)	32
Design Capacity (Tbps)	0.24
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson
System Installer	Nexans
Owner(s)	Arelion

LANDING POINTS

City	State/Province	Country
Bunkeflostrand	Skåne	Sweden
Dragør	Sjælland	Denmark

In Service System





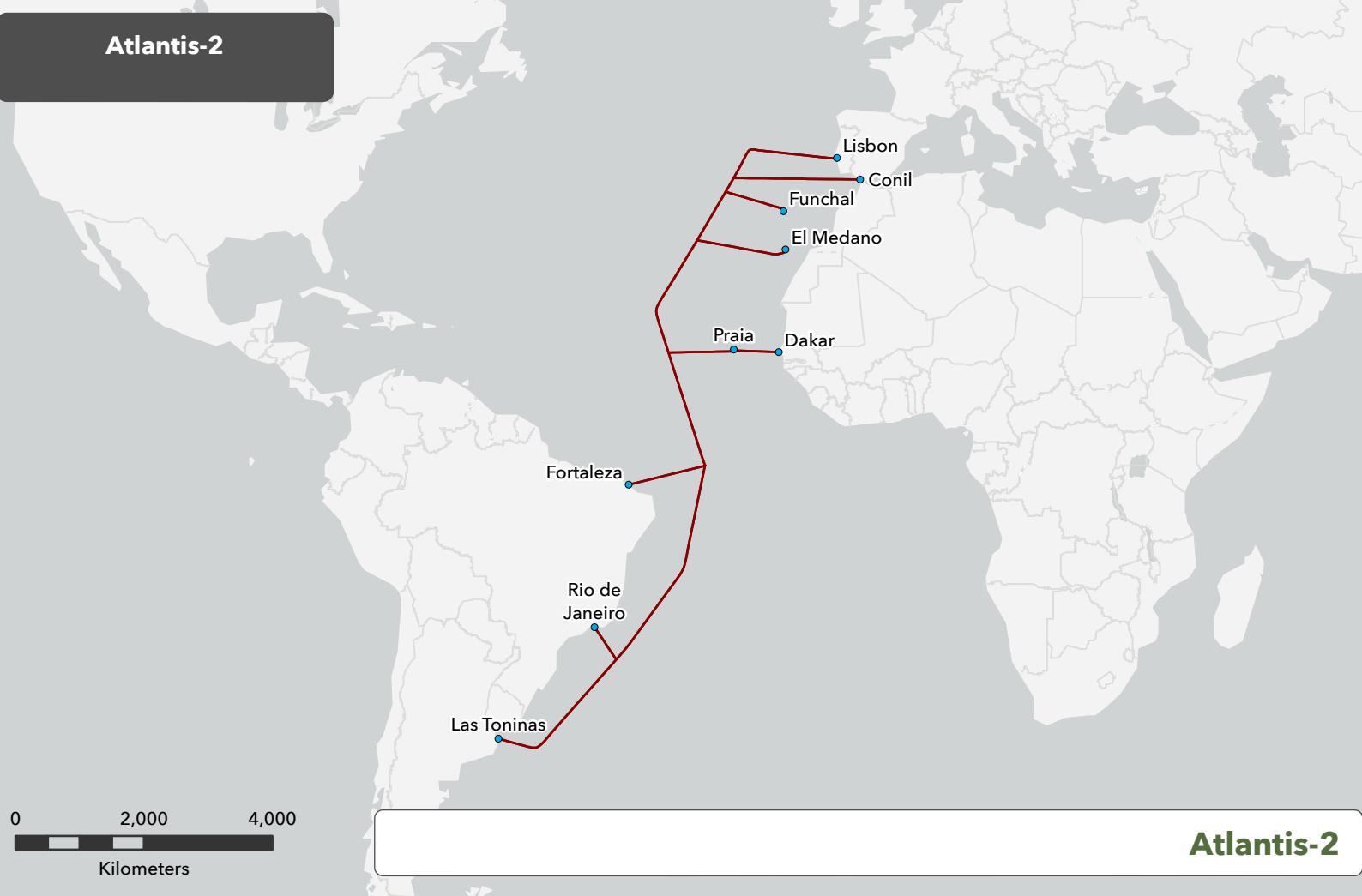
**SYSTEM DETAILS**

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$41,200,000
Length (km)	7,200
Design Capacity (Tbps)	15.36
Fiber Pairs	6
Wavelengths per Fiber Pair	128
Capacity per Wavelength (Gbps)	40
System Supplier	Fujitsu

LANDING POINTS

City	State/Province	Country
Changi	East Region	Singapore
Daet	Camarines Norte	Philippines
Maruyama	Chiba	Japan
Mersing	Johor	Malaysia
Tseung Kwan O	Hong Kong	China

System Installer	S.B. Submarine Systems, Telekom Malaysia Berhad
Owner(s)	PLDT, Starhub Ltd., Telekom Malaysia Berhad, Vodafone



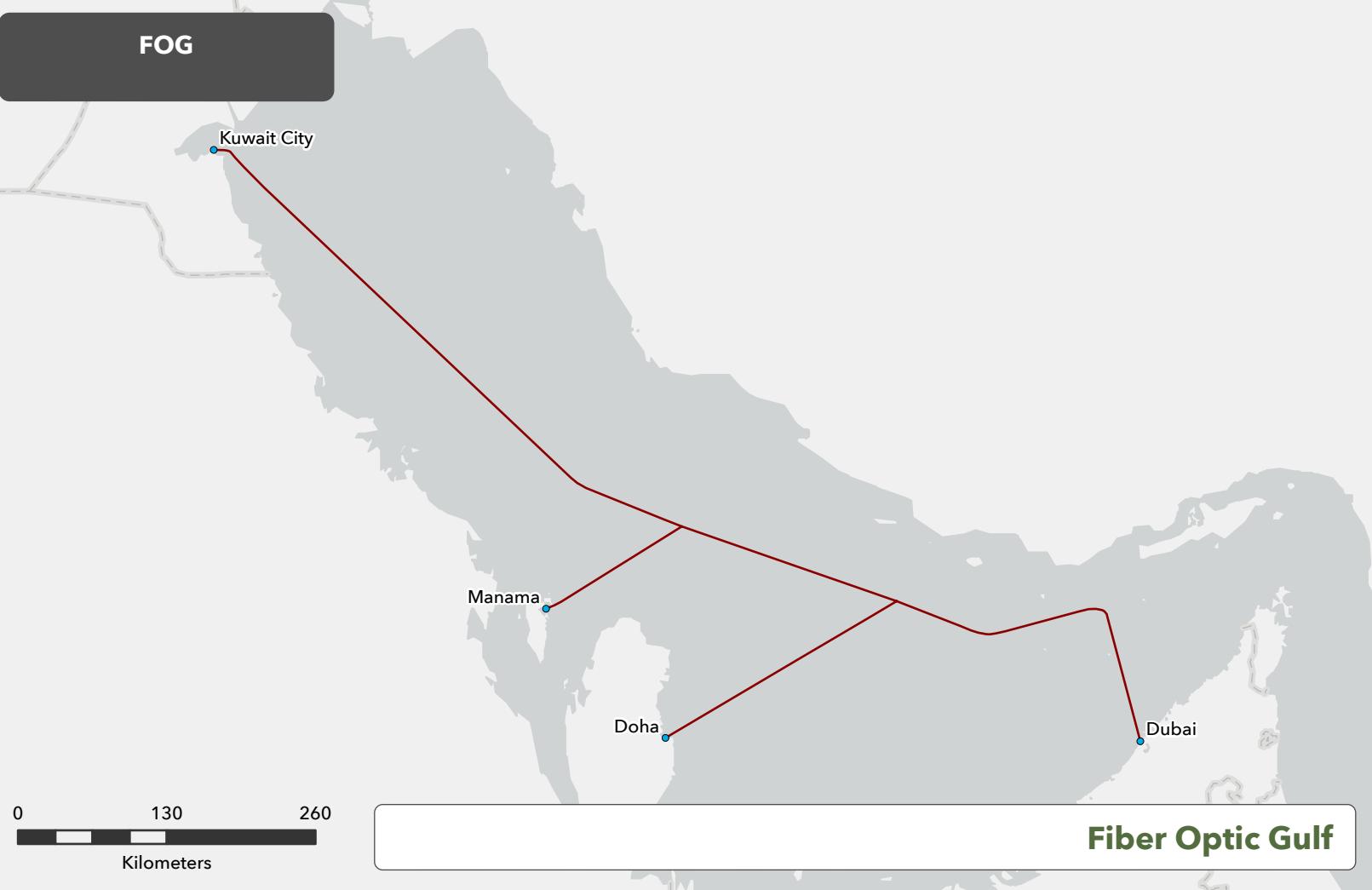
SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$37,000,000
Length (km)	13,100
Design Capacity (Tbps)	0.16
Fiber Pairs	2
Wavelengths per Fiber Pair	8
Capacity per Wavelength (Gbps)	40
System Supplier	Fujitsu, Pirelli

LANDING POINTS

City	State/Province	Country
Conil	Cádiz	Spain
Dakar	Dakar	Senegal
El Medano	Canary Islands	Spain
Fortaleza	Ceará	Brazil
Funchal	Madeira	Portugal
Las Toninas	Buenos Aires Province	Argentina
Lisbon	Lisbon	Portugal
Praia	Praia	Cape Verde
Rio de Janeiro	Rio de Janeiro	Brazil

System Installer	ASN, FCR
Owner(s)	Cabo Verde Telecom (CVT), Embratel, FT, Marconi, Telecom Argentina, Telecom Italia, Telefonica de Argentina, Telintar, Telxius, Verizon

FOG**SYSTEM DETAILS**

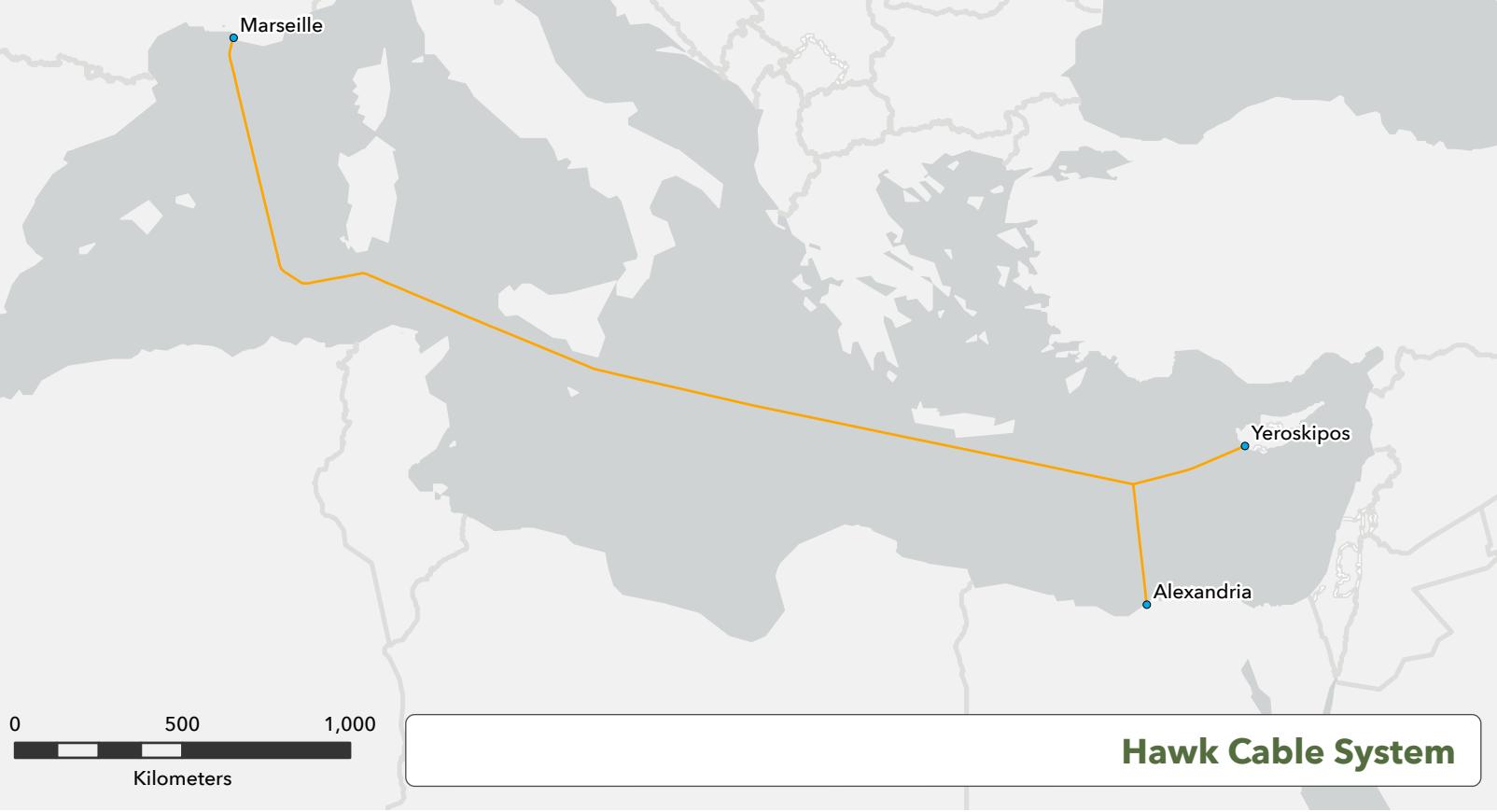
RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$80,000,000
Length (km)	1,286
Design Capacity (Tbps)	0.02
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Fujitsu

LANDING POINTS

City	State/Province	Country
Doha	Doha	Qatar
Dubai	Dubai	United Arab Emirates
Kuwait City	Al Asimah	Kuwait
Manama	Capital Governorate	Bahrain

System Installer	Not Available
Owner(s)	Bahrain Telephone Co., Kuwait Ministry of Communications, Qatar Telecommunication Company, UAE Telecommunications Company

Hawk

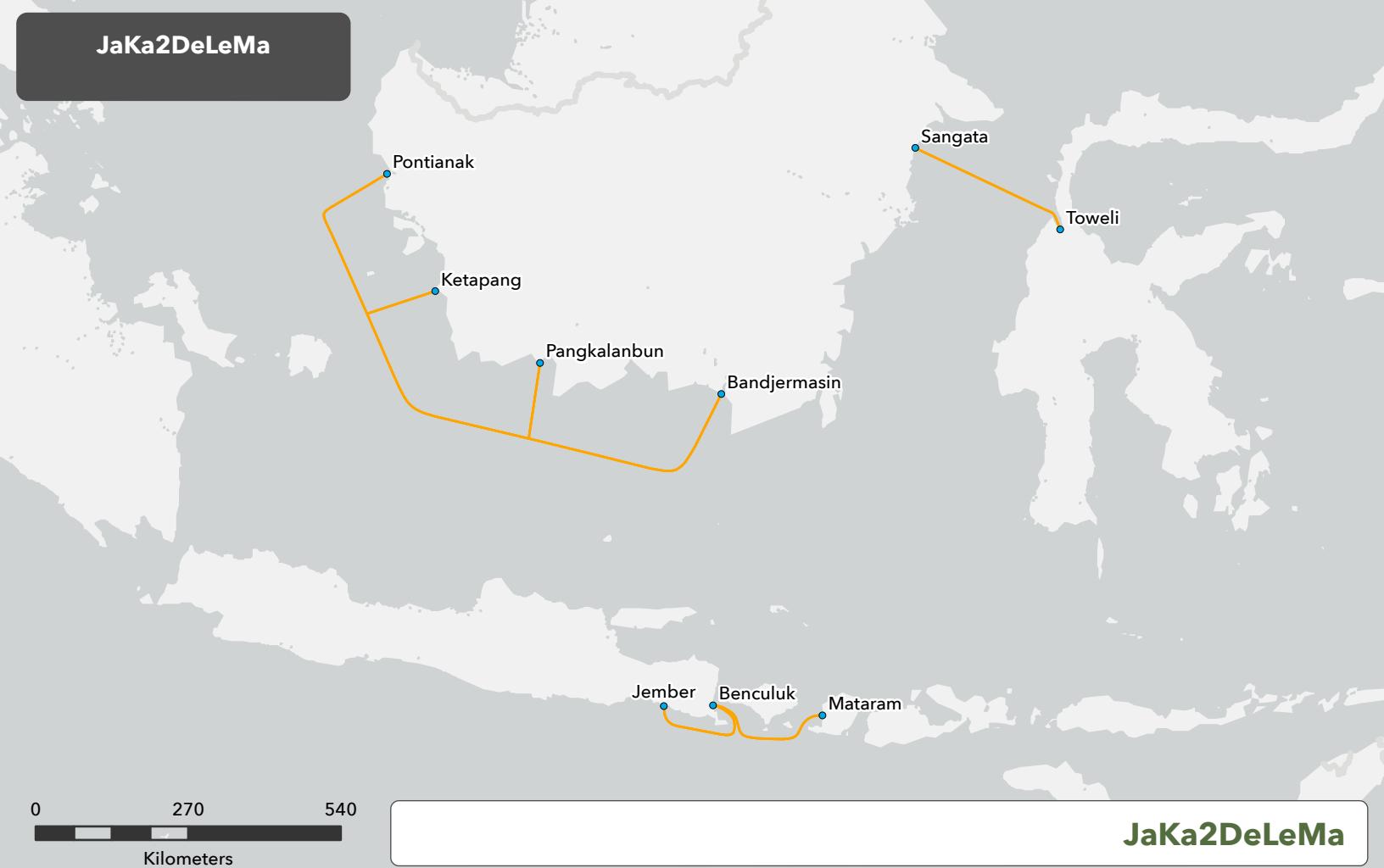


SYSTEM DETAILS

RFS Year	2011
EOS Year	2035
Est. System Cost (USD)	\$25,000,000
Length (km)	4,334
Design Capacity (Tbps)	2.72
Fiber Pairs	4
Wavelengths per Fiber Pair	68
Capacity per Wavelength (Gbps)	10
System Supplier	Fujitsu
System Installer	Elettra, Orange
Owner(s)	Global Cloud Xchange

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Marseille	Provence-Alpes-Côte d'Azur	France
Yeroskipos	Paphos	Cyprus



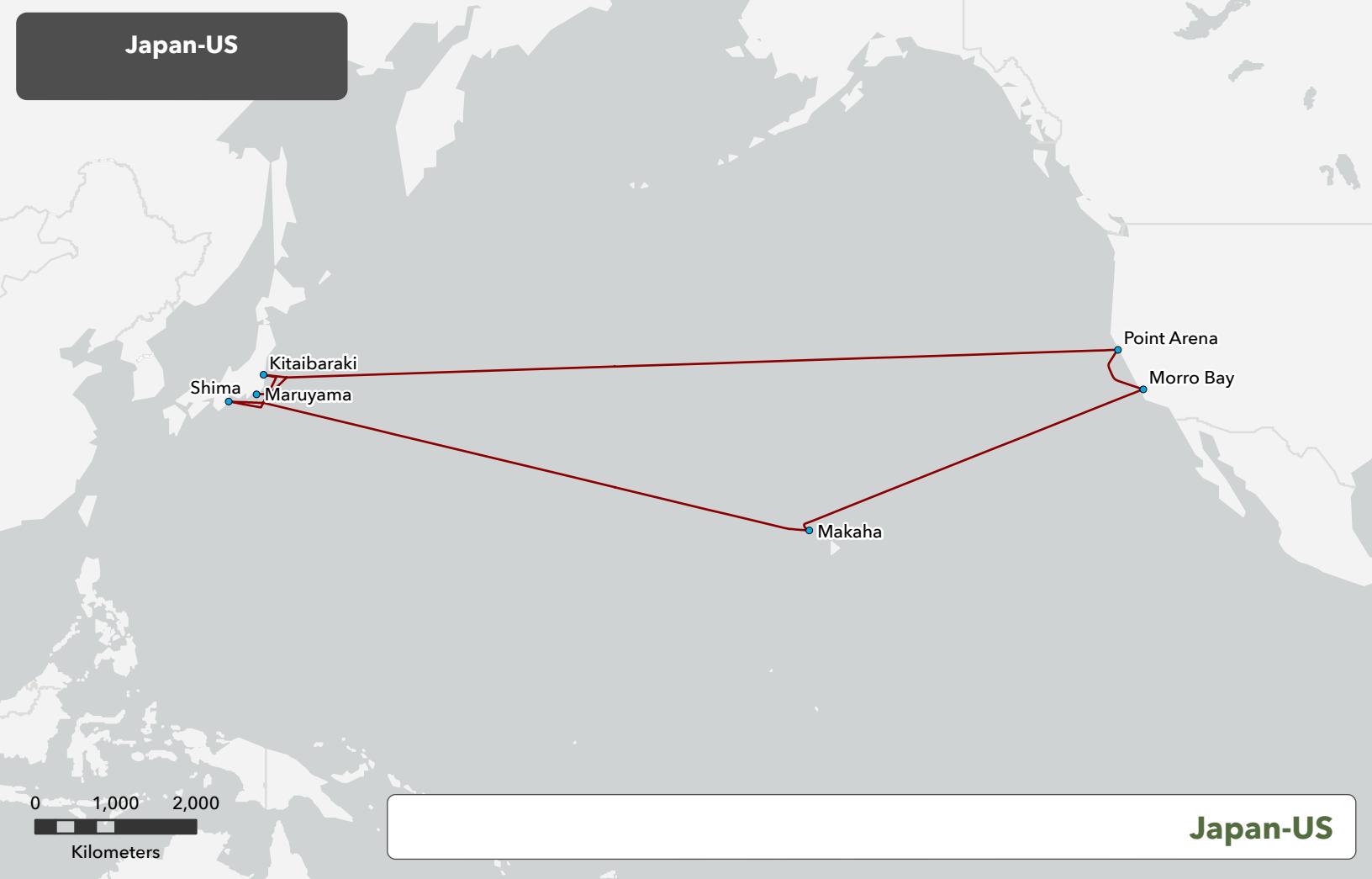
SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$11,600,000
Length (km)	1,800
Design Capacity (Tbps)	9.6
Fiber Pairs	3
Wavelengths per Fiber Pair	32
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, Prysmian Group/NSW

LANDING POINTS

City	State/Province	Country
Bandjermasin	South Kalimantan	Indonesia
Benculuk	East Java	Indonesia
Jember	East Java	Indonesia
Ketapang	West Kalimantan	Indonesia
Mataram	West Nusa Tenggara	Indonesia
Pangkalanbun	Central Kalimantan	Indonesia
Pontianak	West Kalimantan	Indonesia
Sangata	East Kalimantan	Indonesia
Toweli	West Sulawesi	Indonesia

System Installer	Orange
Owner(s)	PT Telekom



SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$14,000,000
Length (km)	21,580
Design Capacity (Tbps)	21.6
Fiber Pairs	4
Wavelengths per Fiber Pair	16
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, Ocean Cable Company

LANDING POINTS

City	State/Province	Country
Kitaibaraki	Ibaraki	Japan
Makaha	Hawaii	United States
Maruyama	Chiba	Japan
Morro Bay	California	United States
Point Arena	California	United States
Shima	Mie	Japan

System Installer ASN, Global Marine Systems Limited

Owner(s) CAT Telecom, CenturyLink, China Telecom Corporation, Chunghwa Telecom Co., Communications Global Network Services Limited, Japan Telecom, KT Corporation, MCI WorldCom, NTT Worldwide Network, Orange, Singtel, SK Broadband, SoftBank, Sprint, Starhub Ltd., TATA Communications, Telekom Malaysia Berhad, Vodafone, Worldcom Global Networks Limited

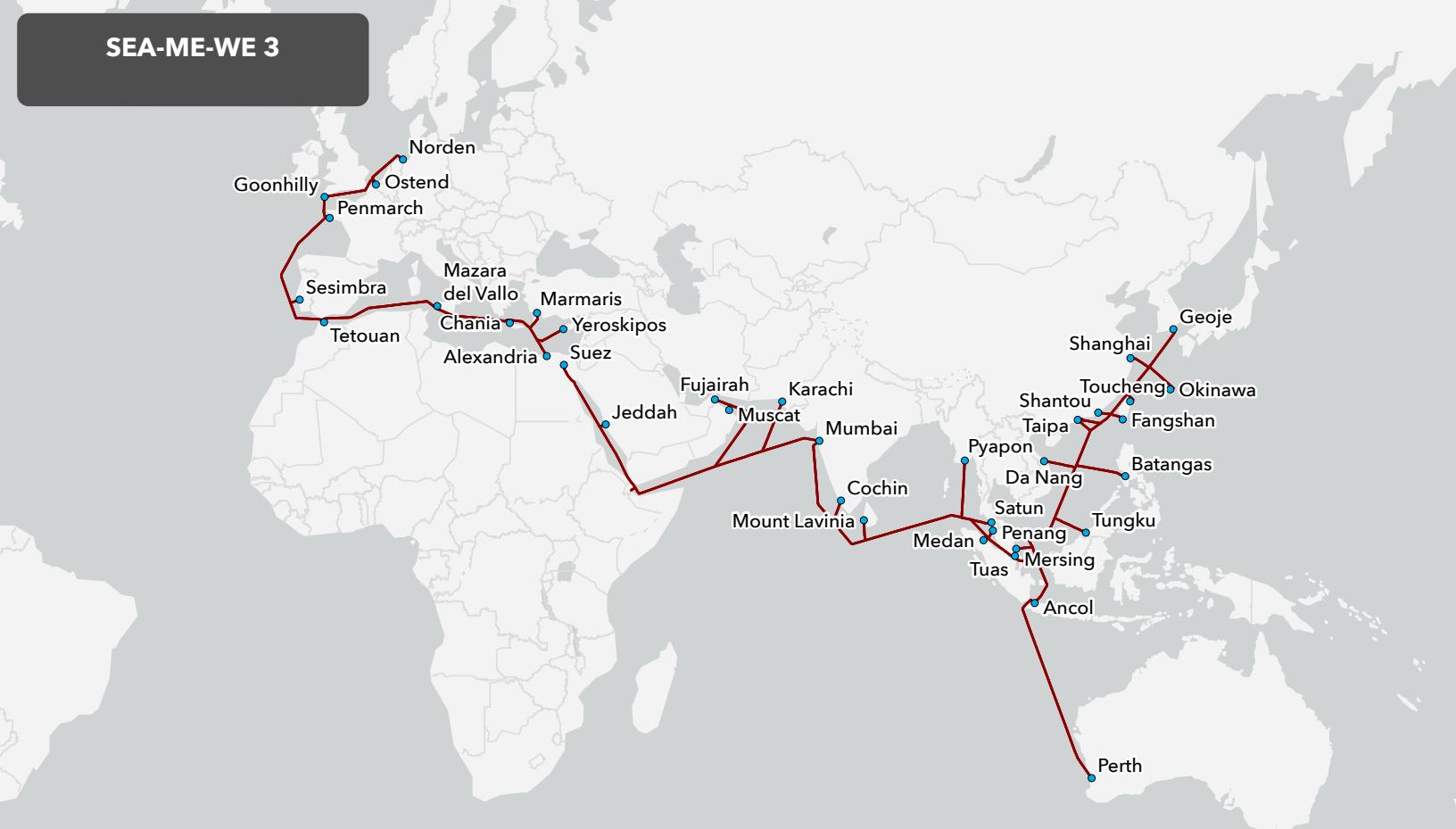


SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$12,500,000
Length (km)	500
Design Capacity (Tbps)	28.8
Fiber Pairs	12
Wavelengths per Fiber Pair	24
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu
System Installer	Not Available
Owner(s)	KEPCO, SoftBank Telecom Corporation

LANDING POINTS

City	State/Province	Country
Busan	Yeongnam	South Korea
Fukuoka	Fukuoka	Japan
Kitakyushu	Fukuoka	Japan



0 2,500 5,000
Kilometers

South East Asia-Middle East-Western Europe 3

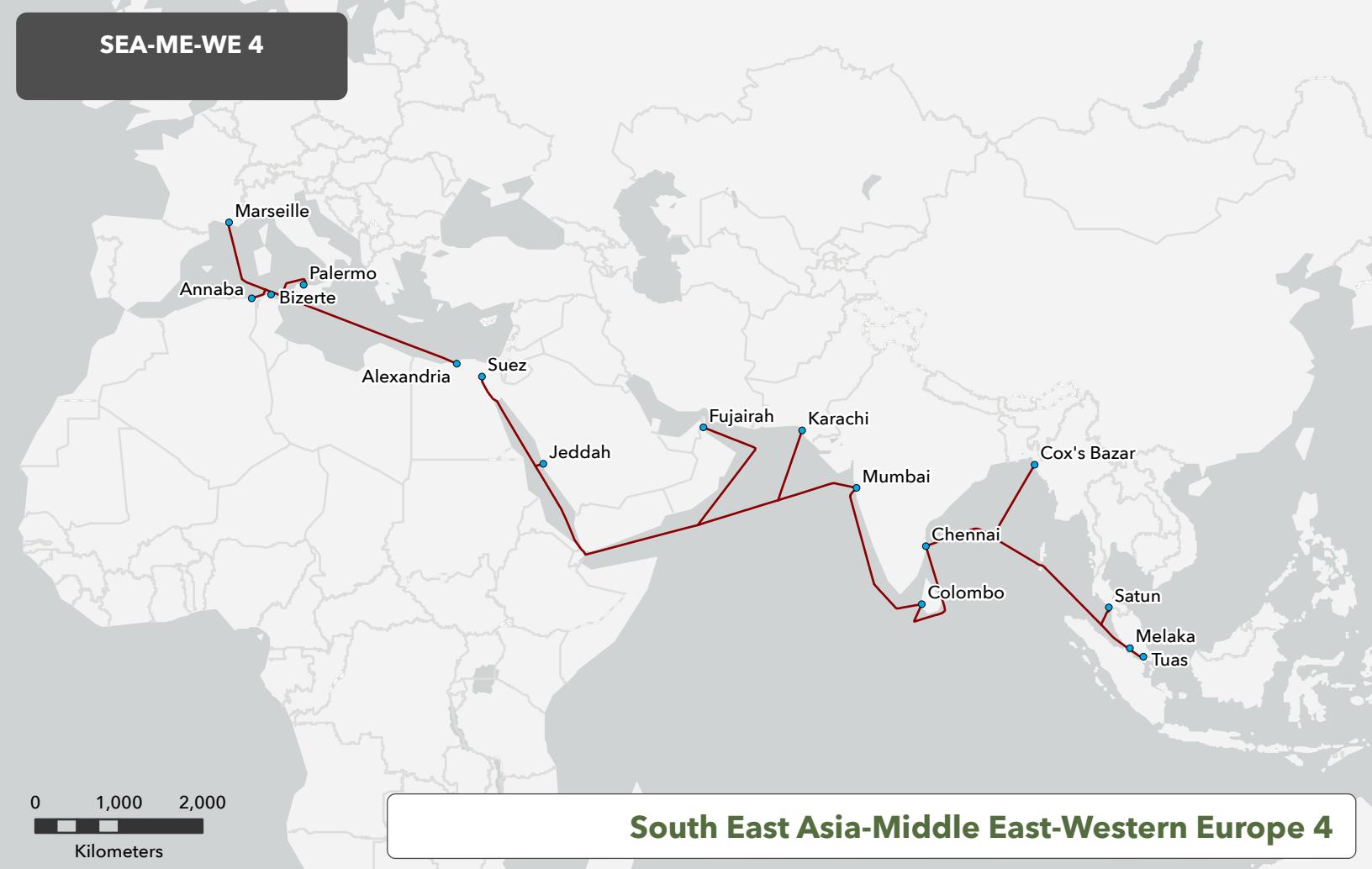
SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$15,000,000
Length (km)	32,767
Design Capacity (Tbps)	4.6
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, KDD-SCS, Pirelli, SubCom

System Installer	ASN, SubCom
Owner(s)	Cyprus Telecommunications Authority, Djibouti Telecom, SEA-ME-WE 3 Consortium, Singtel, TATA Communications, Telekom Malaysia Berhad, Telstra

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Ancol	Jakarta	Indonesia
Batangas	Calabarzon	Philippines
Chania	Crete	Greece
Cochin	Kerala	India
Da Nang	South Central Coast	Vietnam
Fangshan	Pingtung	Taiwan
Fujairah	Fujairah	United Arab Emirates
Gejoe	South Gyeongsang	South Korea
Goonhilly	England	United Kingdom
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Marmaris	Muğla	Turkey
Mazara del Vallo	Sicily	Italy
Medan	North Sumatra	Indonesia
Mersing	Johor	Malaysia
Mount Lavinia	Western Province	Sri Lanka
Mumbai	Maharashtra	India
Muscat	Muscat	Oman
Norden	Lower Saxony	Germany
Okinawa	Okinawa	Japan
Ostend	West Flanders	Belgium
Penang	Penang	Malaysia
Penmarch	Brittany	France
Perth	Western Australia	Australia
Pyapon	Pyapon	Myanmar
Satun	Satun	Thailand
Sesimbra	Lisbon	Portugal
Shanghai	Shanghai	China
Shantou	Guangdong Province	China
Suez	Suez Governorate	Egypt
Taipa	Guangdong Province	China
Tetouan	Tanger-Tetouan-Al Hoceima	Morocco
Toucheng	Yilan	Taiwan
Tuas	West Region	Singapore
Tungku	Brunei-Muara	Brunei
Yeroskipos	Paphos	Cyprus



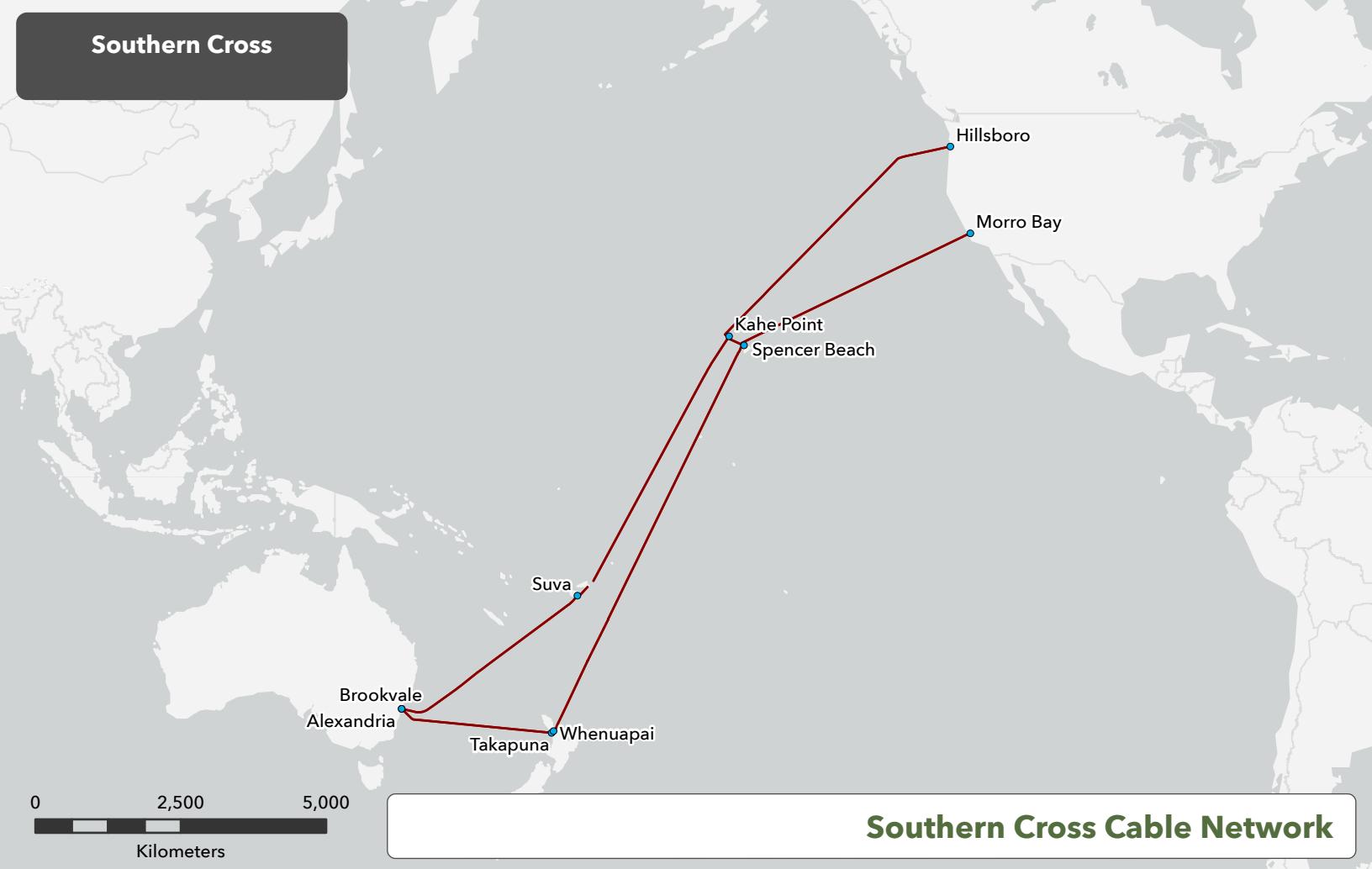
SYSTEM DETAILS

RFS Year	2005
EOS Year	2030
Est. System Cost (USD)	\$50,000,000
Length (km)	18,846
Design Capacity (Tbps)	12.8
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, Mitsubishi Electric Corporation
System Installer	ASN, Orange, Telekom Malaysia Berhad
Owner(s)	Algerie Telecom, Bangladesh Submarine Cable Company, Bharti Airtel Limited, CAT Telecom, Du, FT, Pakistan Telecommunication Company Limited, Saudi Telecom Company, Sri Lanka Telecom Limited, TATA Communications, Telekom Malaysia Berhad, Tunisie Telecom, Verizon

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Annaba	Annaba Province	Algeria
Bizerte	Bizerte	Tunisia
Chennai	Tamil Nadu	India
Colombo	Western Province	Sri Lanka
Cox's Bazar	Chittagong Division	Bangladesh
Fujairah	Fujairah	United Arab Emirates
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Marseille	Provence-Alpes-Côte d'Azur	France
Melaka	Malacca	Malaysia
Mumbai	Maharashtra	India
Palermo	Sicily	Italy
Satun	Satun	Thailand
Suez	Suez Governorate	Egypt
Tuas	West Region	Singapore

Southern Cross



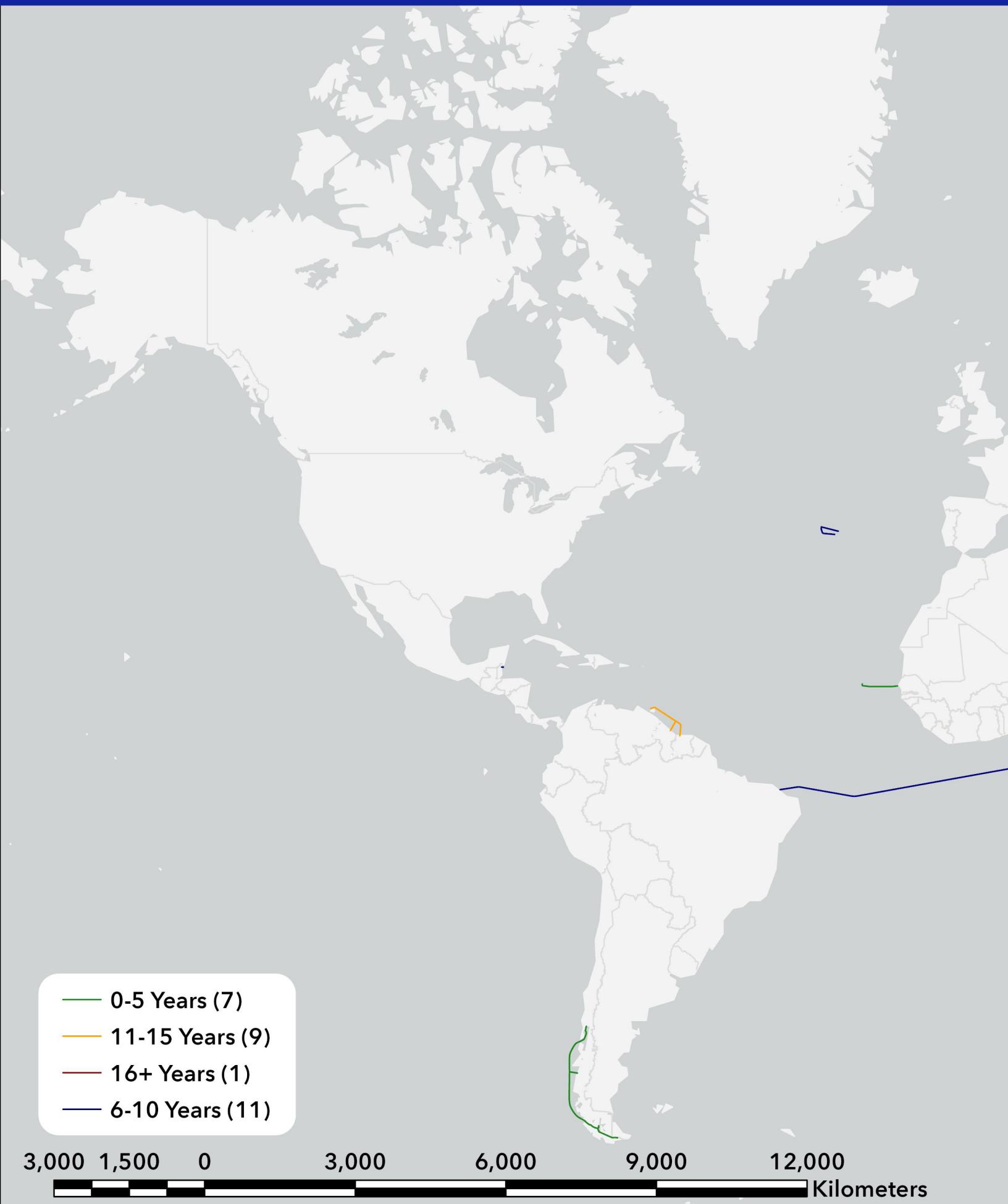
Southern Cross Cable Network

SYSTEM DETAILS

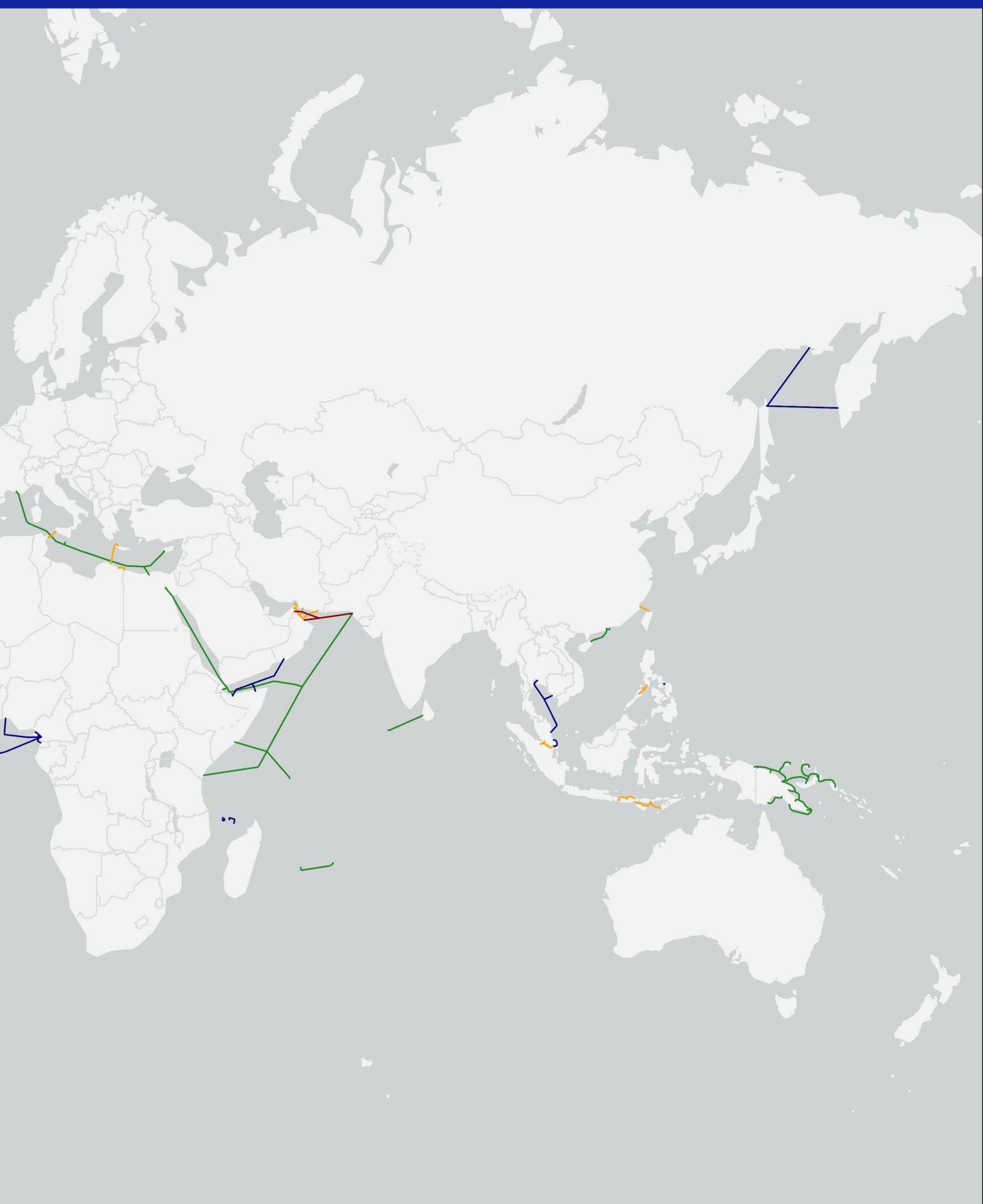
RFS Year	2000
EOS Year	2030
Est. System Cost (USD)	\$13,000,000
Length (km)	30,000
Design Capacity (Tbps)	22
Fiber Pairs	3
Wavelengths per Fiber Pair	16
Capacity per Wavelength (Gbps)	200
System Supplier	ASN, Fujitsu
System Installer	ASN, Orange
Owner(s)	Southern Cross Cables Limited

LANDING POINTS

City	State/Province	Country
Alexandria	New South Wales	Australia
Brookvale	New South Wales	Australia
Hillsboro	Oregon	United States
Kahe Point	Hawaii	United States
Morro Bay	California	United States
Spencer Beach	Hawaii	United States
Suva	Rewa	Fiji
Takapuna	Auckland	New Zealand
Whenuapai	Auckland	New Zealand



systems - HMN





0 40 80
Kilometers

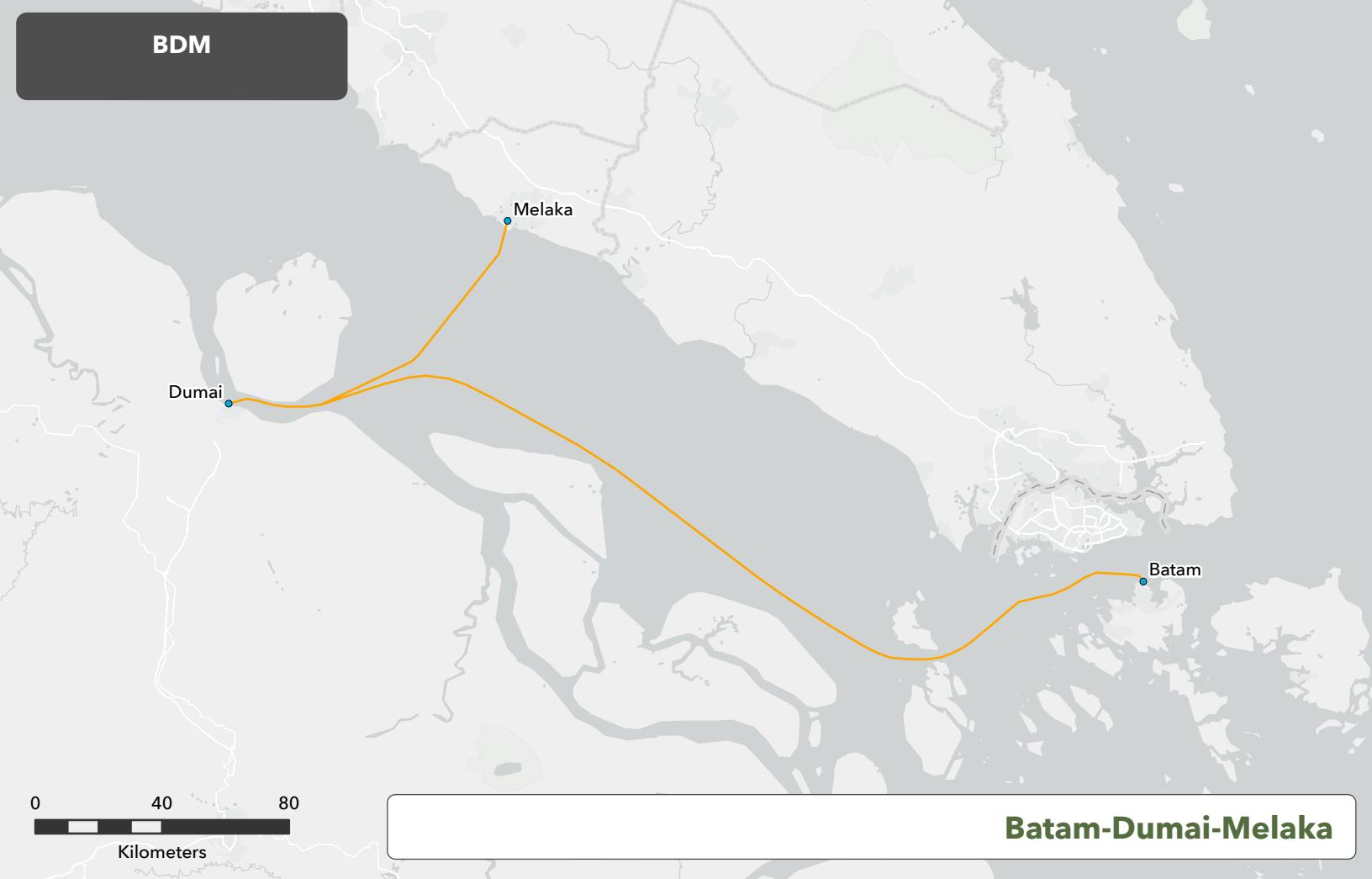
Avassa Comoros

SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$6,500,000
Length (km)	260
Design Capacity (Tbps)	16
Fiber Pairs	2
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Comores Telecom, STOI

LANDING POINTS

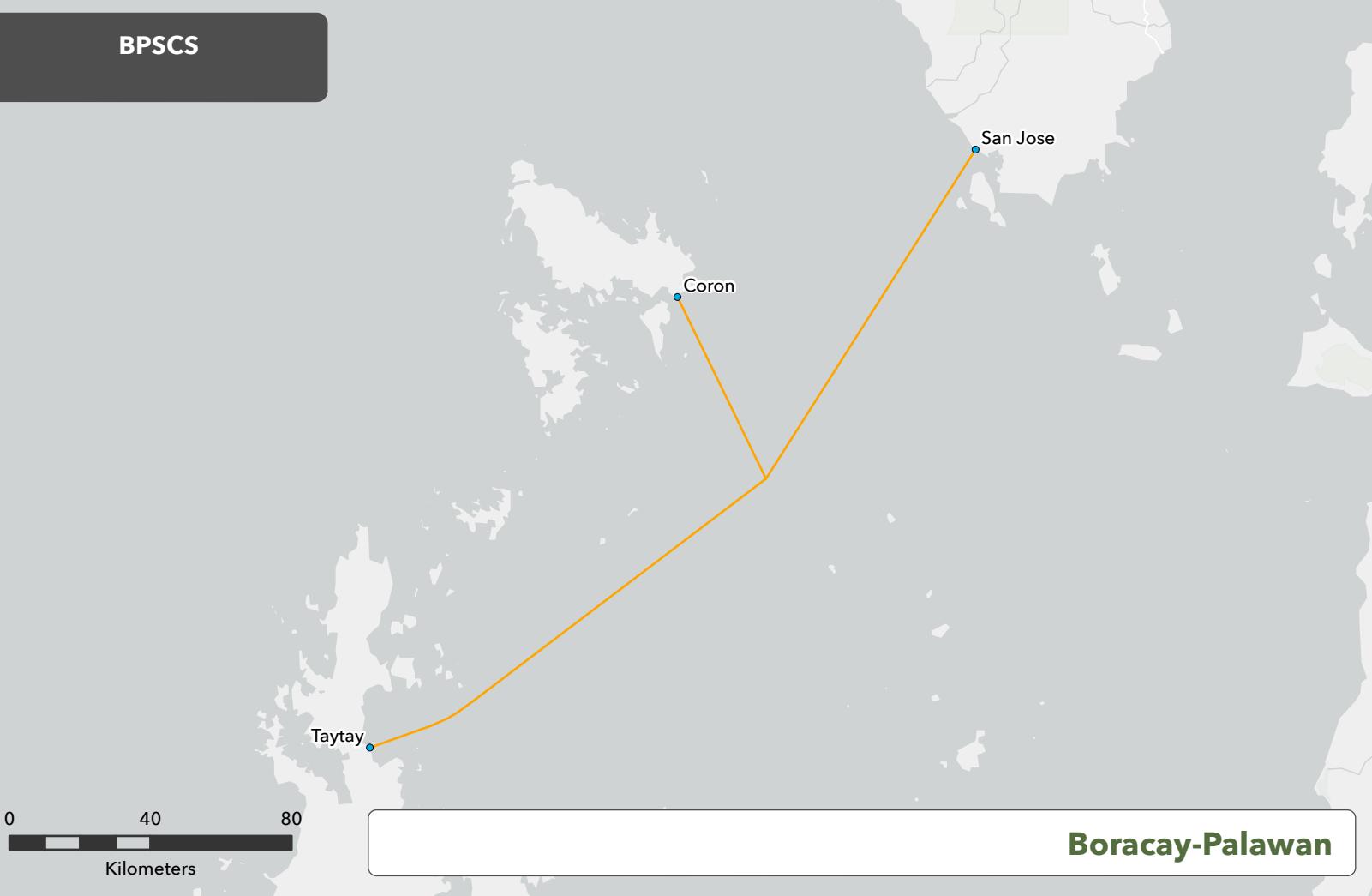
City	State/Province	Country
Chindini	Grande Comore	Comoros
Mamoudzou	Mamoudzou	Mayotte
Moroni	Grande Comore	Comoros
Mutsamudu	Anjouan	Comoros

**SYSTEM DETAILS**

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$76,000,000
Length (km)	400
Design Capacity (Tbps)	2.56
Fiber Pairs	4
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Telekom Malaysia Berhad
Owner(s)	PT Mora Telematika, PT XL Axiata, Telekom Malaysia Berhad

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Dumai	Riau	Indonesia
Melaka	Malacca	Malaysia

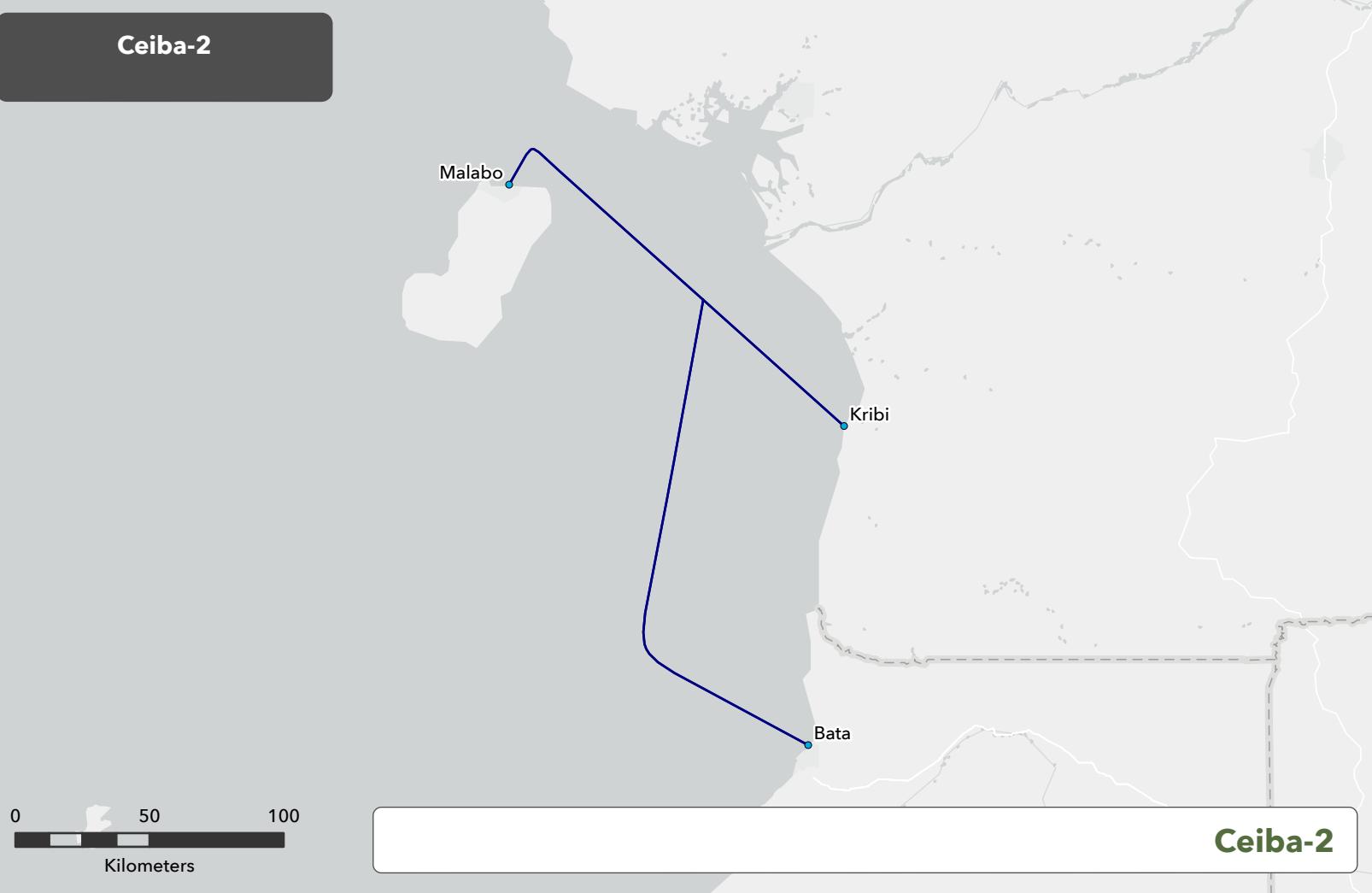


SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$20,000,000
Length (km)	332
Design Capacity (Tbps)	19.2
Fiber Pairs	12
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	40
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Globe Telecom

LANDING POINTS

City	State/Province	Country
Coron	Palawan	Philippines
San Jose	Western Visayas	Philippines
Taytay	Palawan	Philippines

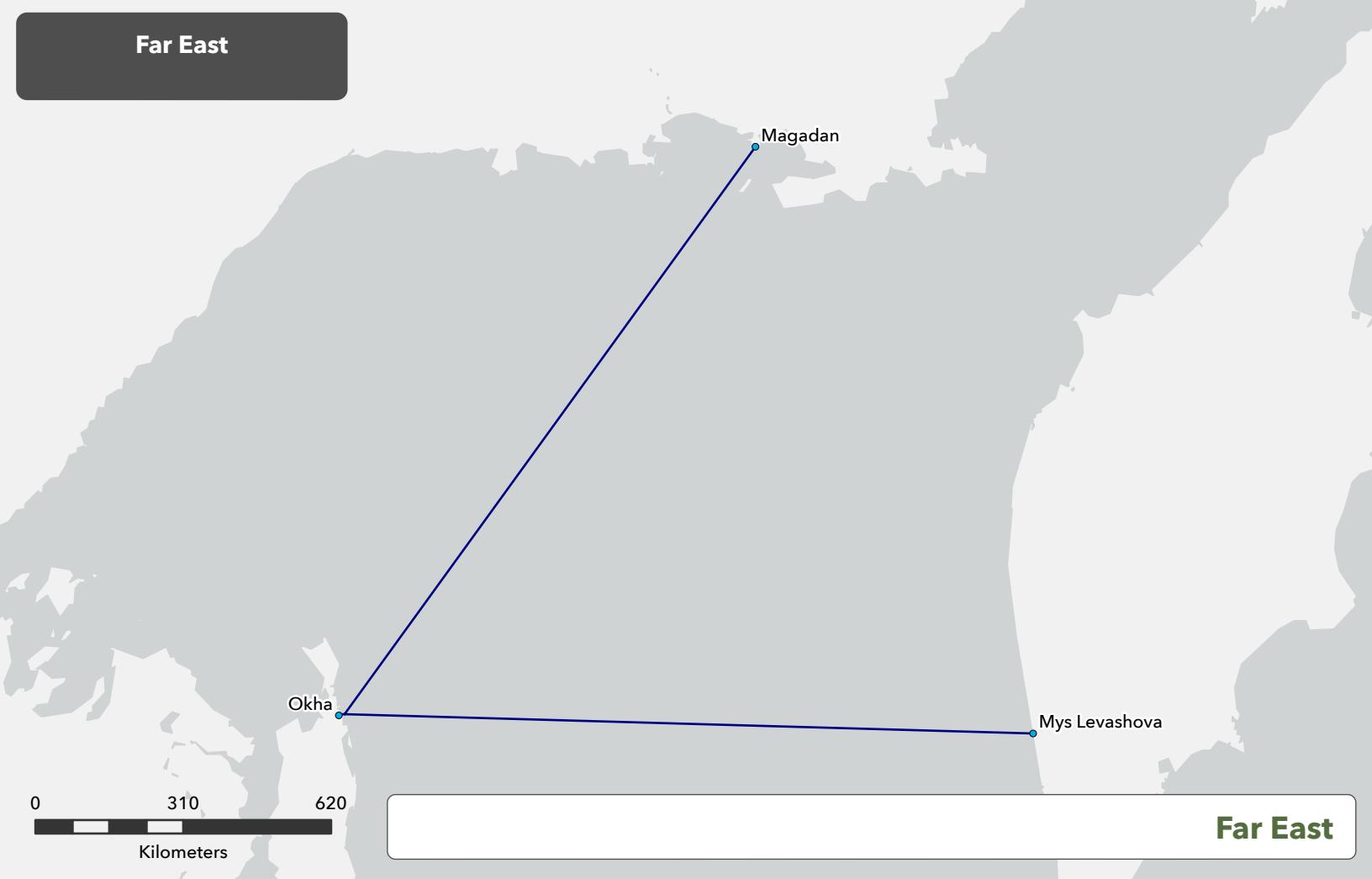


SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$15,000,000
Length (km)	290
Design Capacity (Tbps)	24
Fiber Pairs	3
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Global Marine Systems Limited
Owner(s)	Republic of Equatorial Guinea

LANDING POINTS

City	State/Province	Country
Bata	Litoral	Equatorial Guinea
Kribi	South Province	Cameroon
Malabo	Malabo	Equatorial Guinea

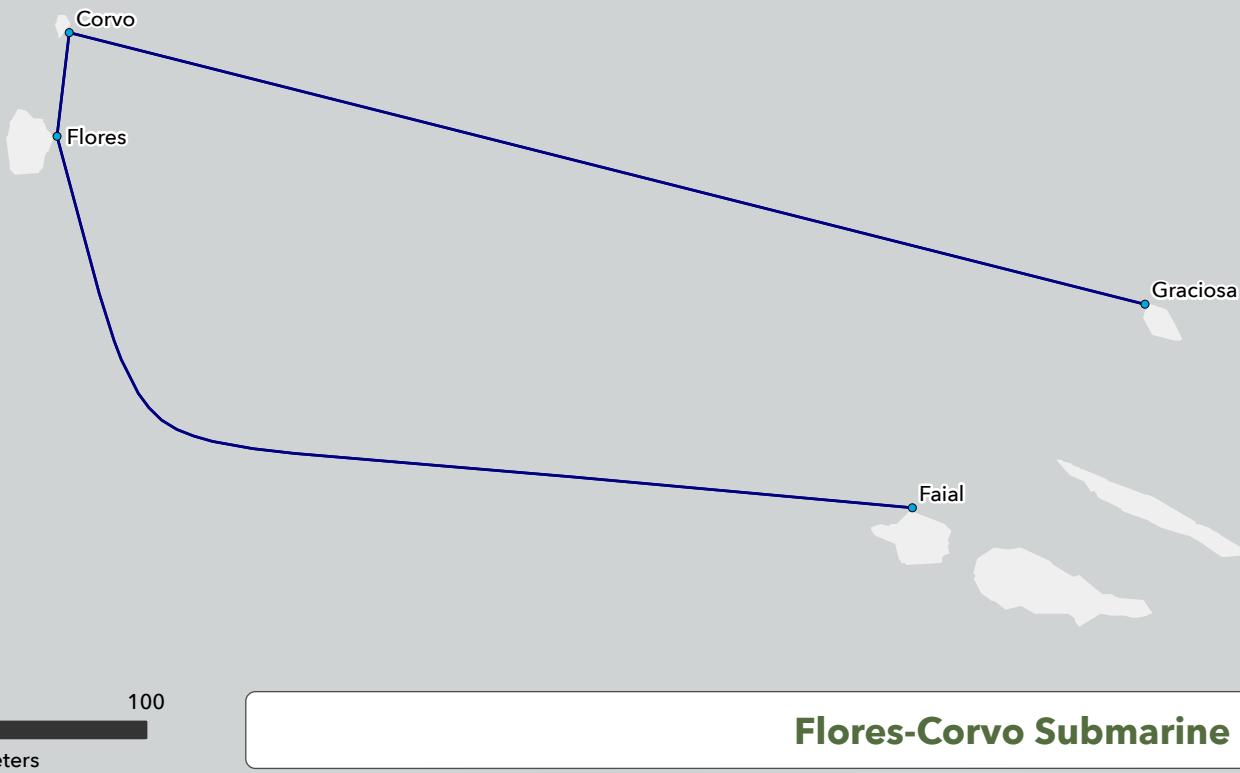


SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$50,000,000
Length (km)	1,844
Design Capacity (Tbps)	1.6
Fiber Pairs	2
Wavelengths per Fiber Pair	8
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Global Marine Systems Limited
Owner(s)	Rostelecom

LANDING POINTS

City	State/Province	Country
Magadan	Magadan Oblast	Russia
Mys Levashova	Kamchatka Krai	Russia
Okha	Sakhalin Oblast	Russia

**SYSTEM DETAILS**

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$20,000,000
Length (km)	633
Design Capacity (Tbps)	24
Fiber Pairs	6
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Nexans
Owner(s)	Viatel

LANDING POINTS

City	State/Province	Country
Corvo	Azores	Portugal
Faial	Azores	Portugal
Flores	Azores	Portugal
Graciosa	Azores	Portugal

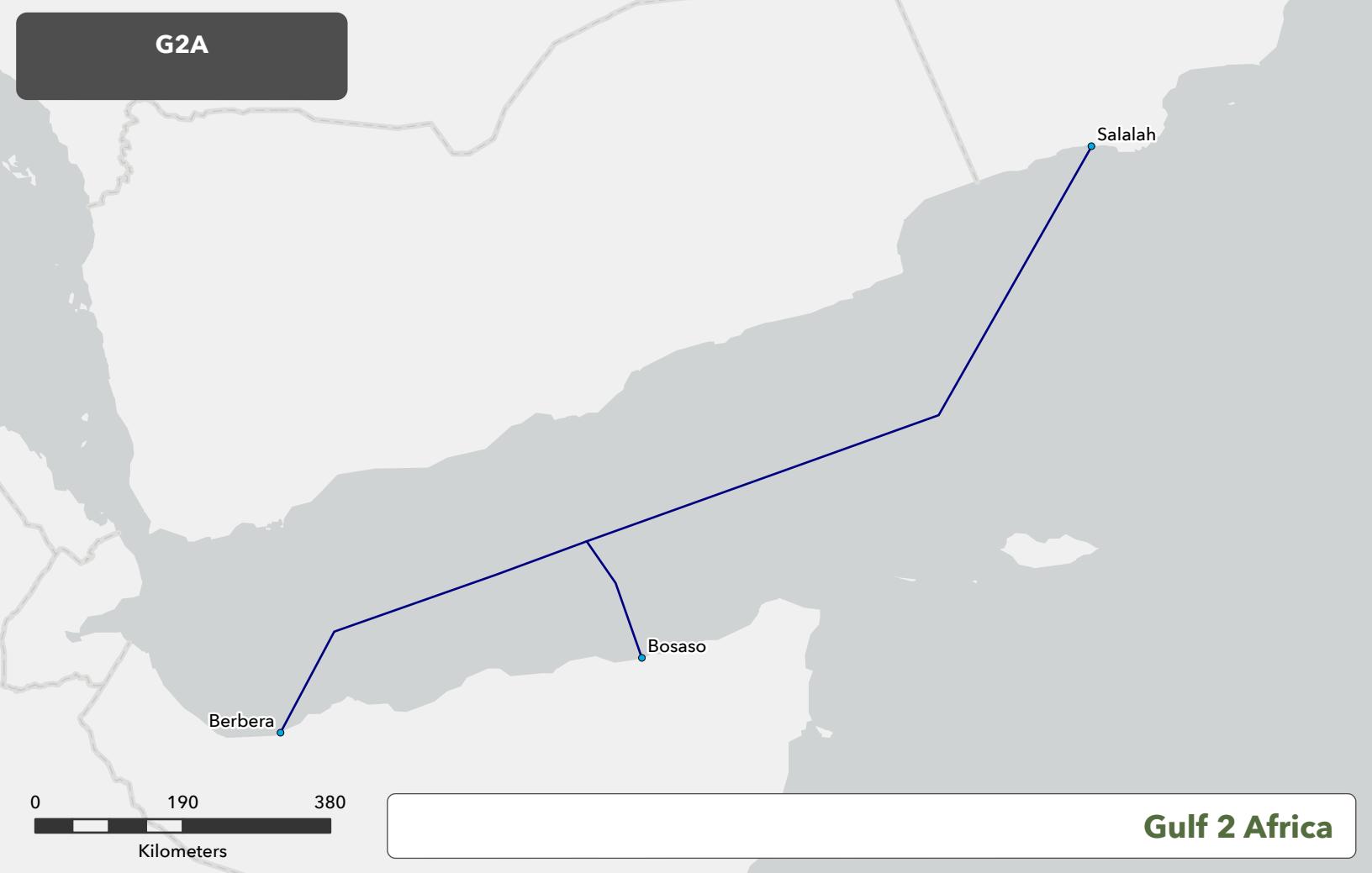


SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$10,000,000
Length (km)	2,900
Design Capacity (Tbps)	16
Fiber Pairs	2
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	IT International Telecom, Orange
Owner(s)	AUSTRAL University of Magellan, Magellan CPC

LANDING POINTS

City	State/Province	Country
Puerto Montt	Los Lagos	Chile
Puerto Williams	Antártica Chilena	Chile
Punta Arenas	Magallanes y Antártica	Chile
Tortel	Capitán Prat Province	Chile

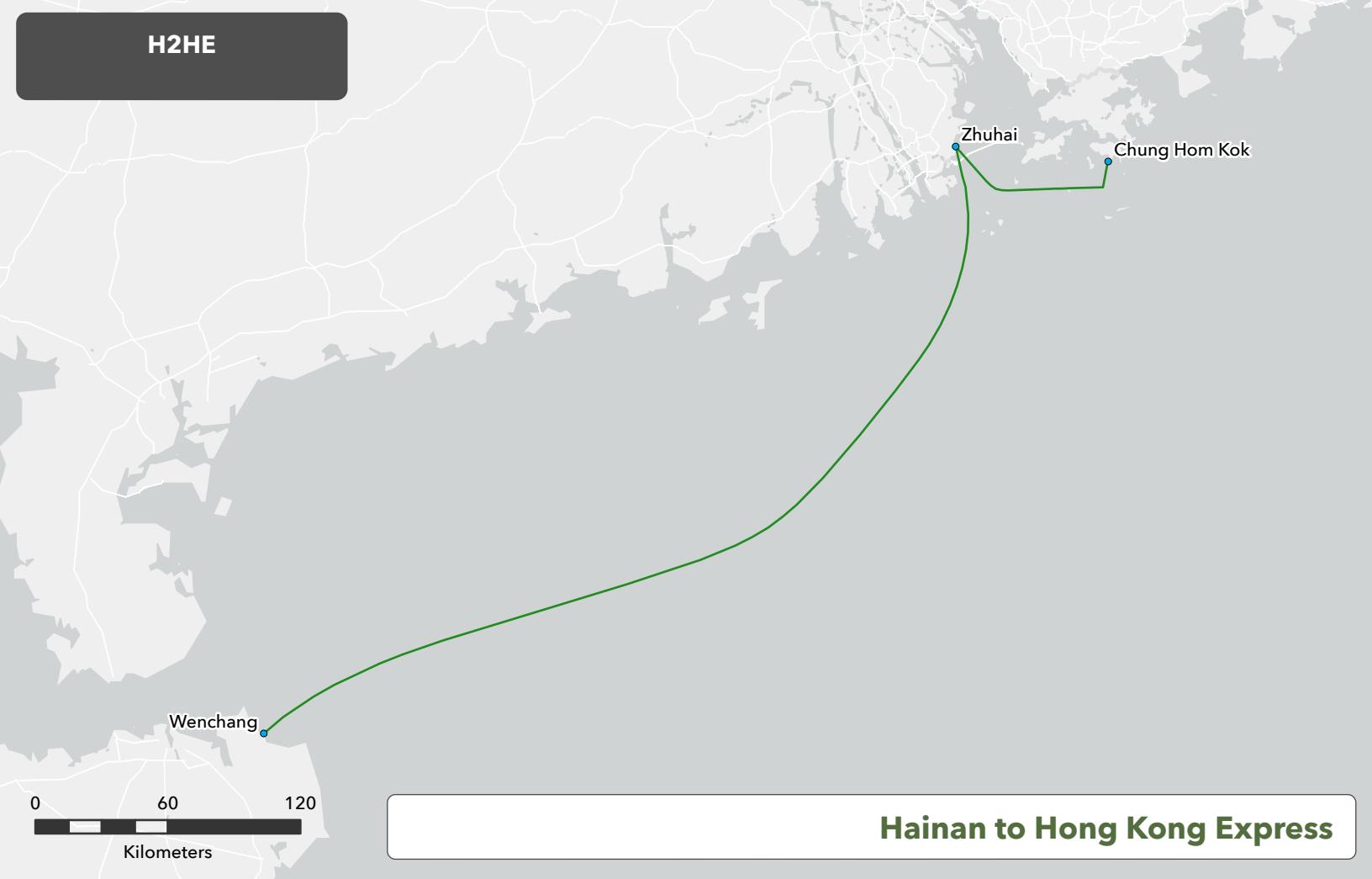


SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$37,500,000
Length (km)	1,500
Design Capacity (Tbps)	12
Fiber Pairs	2
Wavelengths per Fiber Pair	60
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Golis Telecom, Omantel, Telesom Company

LANDING POINTS

City	State/Province	Country
Berbera	Sahil	Somalia
Bosaso	Bari	Somalia
Salalah	Dhofar	Oman

**SYSTEM DETAILS**

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$19,500,000
Length (km)	675
Design Capacity (Tbps)	300
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	China Mobile International Ltd.

LANDING POINTS

City	State/Province	Country
Chung Hom Kok	Hong Kong	China
Wenchang	Hainan Province	China
Zhuhai	Guangdong Province	China

Mazara
del Vallo

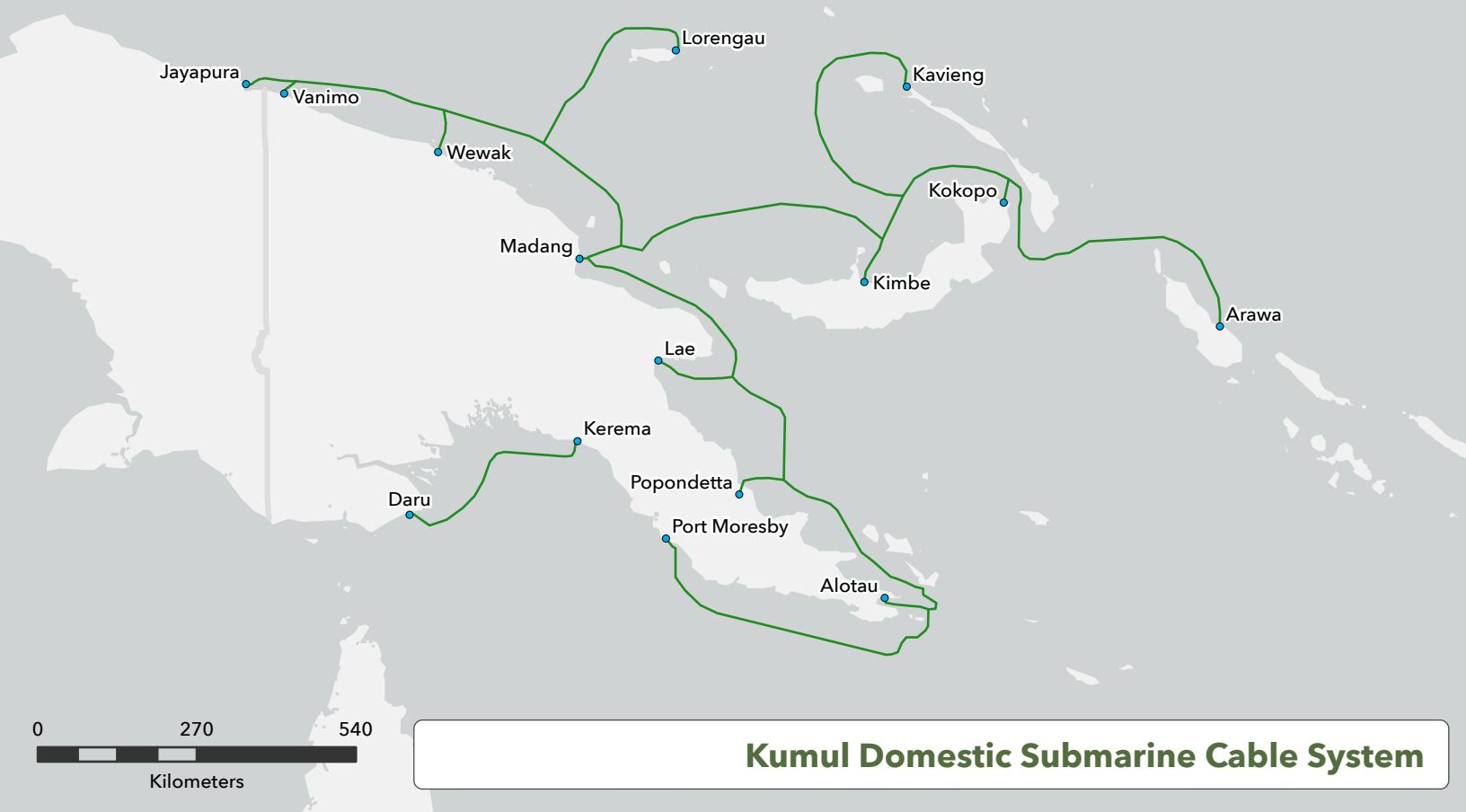
0 30 60
Kilometers

Hannibal**SYSTEM DETAILS**

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$10,000,000
Length (km)	180
Design Capacity (Tbps)	9.6
Fiber Pairs	3
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	40
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Global Marine Systems Limited
Owner(s)	Tunisie Telecom

LANDING POINTS

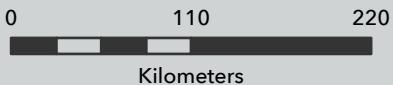
City	State/Province	Country
Kélibia	Nabeul	Tunisia
Mazara del Vallo	Sicily	Italy

**SYSTEM DETAILS**

RFS Year	2022
EOS Year	2046
Est. System Cost (USD)	\$13,642,500
Length (km)	5,457
Design Capacity (Tbps)	Not Available
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Papua New Guinea DataCo Limited

LANDING POINTS

City	State/Province	Country
Alotau	Milne Bay	Papua New Guinea
Arawa	Autonomous Region of	Papua New Guinea
Daru	Western Province	Papua New Guinea
Jayapura	Papua	Indonesia
Kavieng	New Ireland	Papua New Guinea
Kerema	Gulf Province	Papua New Guinea
Kimbe	West New Britain	Papua New Guinea
Kokopo	East New Britain Province	Papua New Guinea
Lae	Morobe Province	Papua New Guinea
Lorengau	Manus Province	Papua New Guinea
Madang	Madang Province	Papua New Guinea
Popondetta	Oro	Papua New Guinea
Port Moresby	National Capital District	Papua New Guinea
Vanimo	Sandaun	Papua New Guinea
Wewak	East Sepik	Papua New Guinea



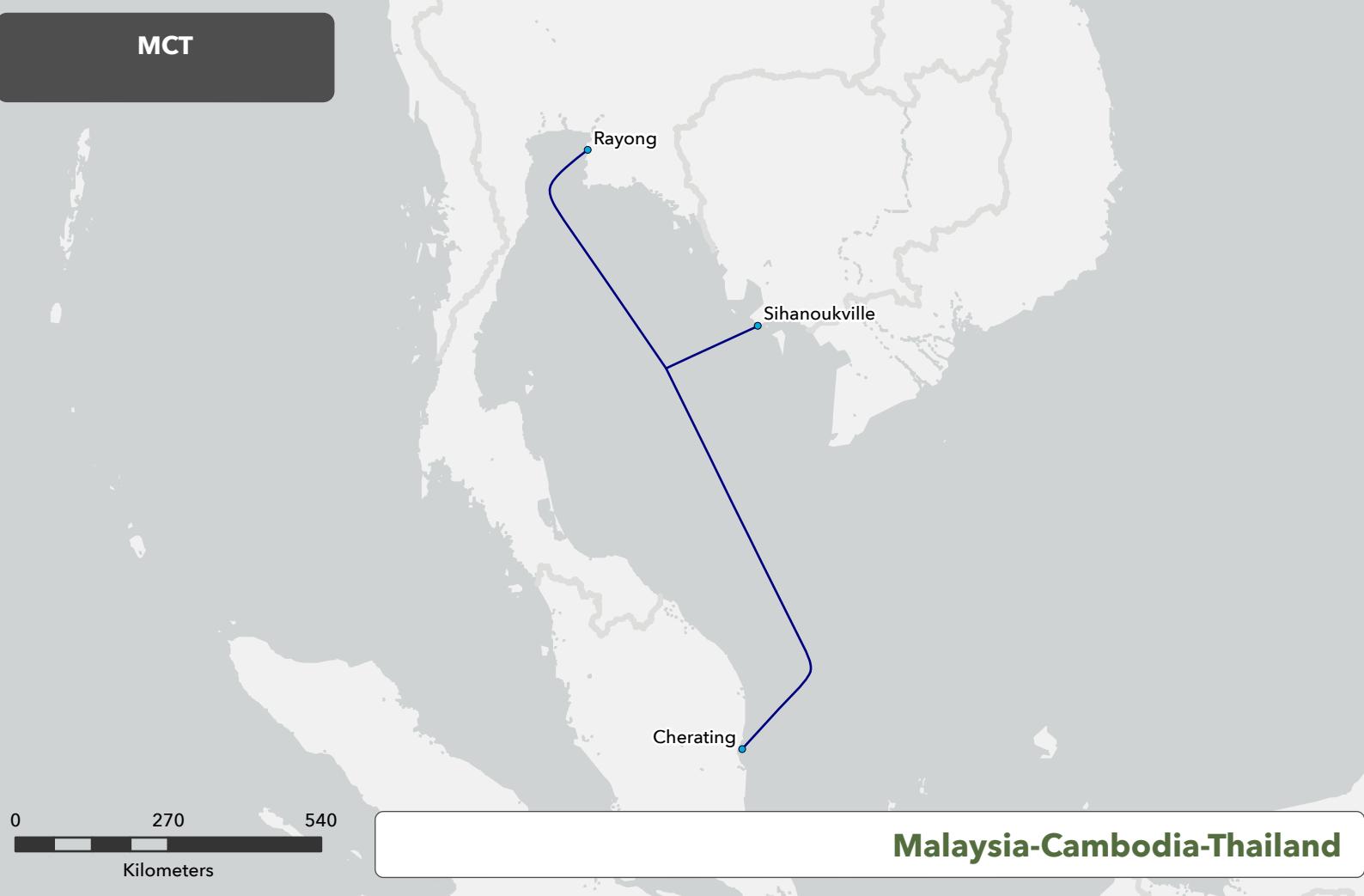
Mauritius and Rodrigues Submarine Cable System

SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$17,500,000
Length (km)	700
Design Capacity (Tbps)	16
Fiber Pairs	2
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	E-marine PJSC
Owner(s)	Mauritius Telecom, PCCW Global

LANDING POINTS

City	State/Province	Country
Baie du Jacotet	Savanne	Mauritius
	Rodrigues	Mauritius



SYSTEM DETAILS

RFS Year	2017
EOS Year	2041
Est. System Cost (USD)	\$60,000,000
Length (km)	1,425
Design Capacity (Tbps)	30
Fiber Pairs	6
Wavelengths per Fiber Pair	50
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Global Marine Systems Limited
Owner(s)	Symphony Communication Public Company Limited, Telcotech Limited, Telekom Malaysia Berhad

LANDING POINTS

City	State/Province	Country
Cherating	Sarawak	Malaysia
Rayong	Rayong	Thailand
Sihanoukville	Preah Sihanouk	Cambodia

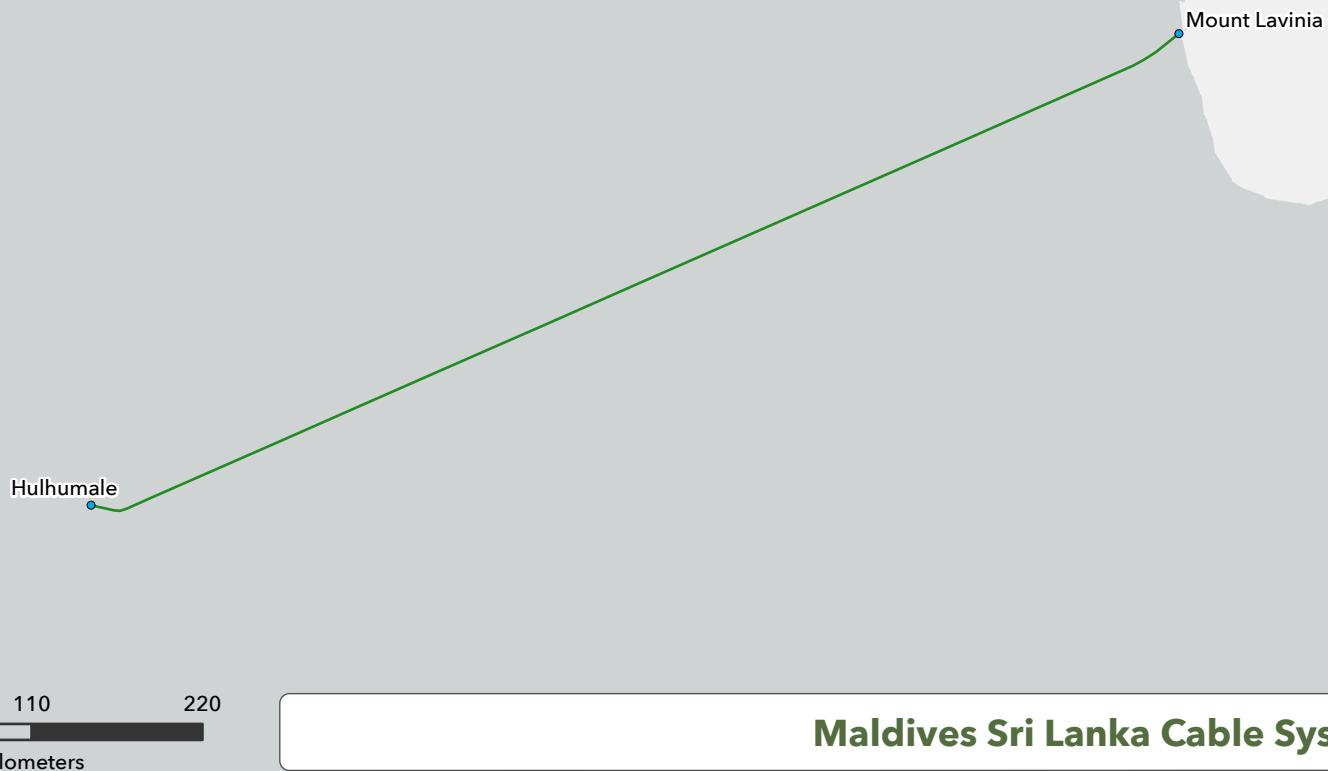


SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$94,000,000
Length (km)	1,318
Design Capacity (Tbps)	1.8
Fiber Pairs	6
Wavelengths per Fiber Pair	30
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Nexans
Owner(s)	PT Telekom

LANDING POINTS

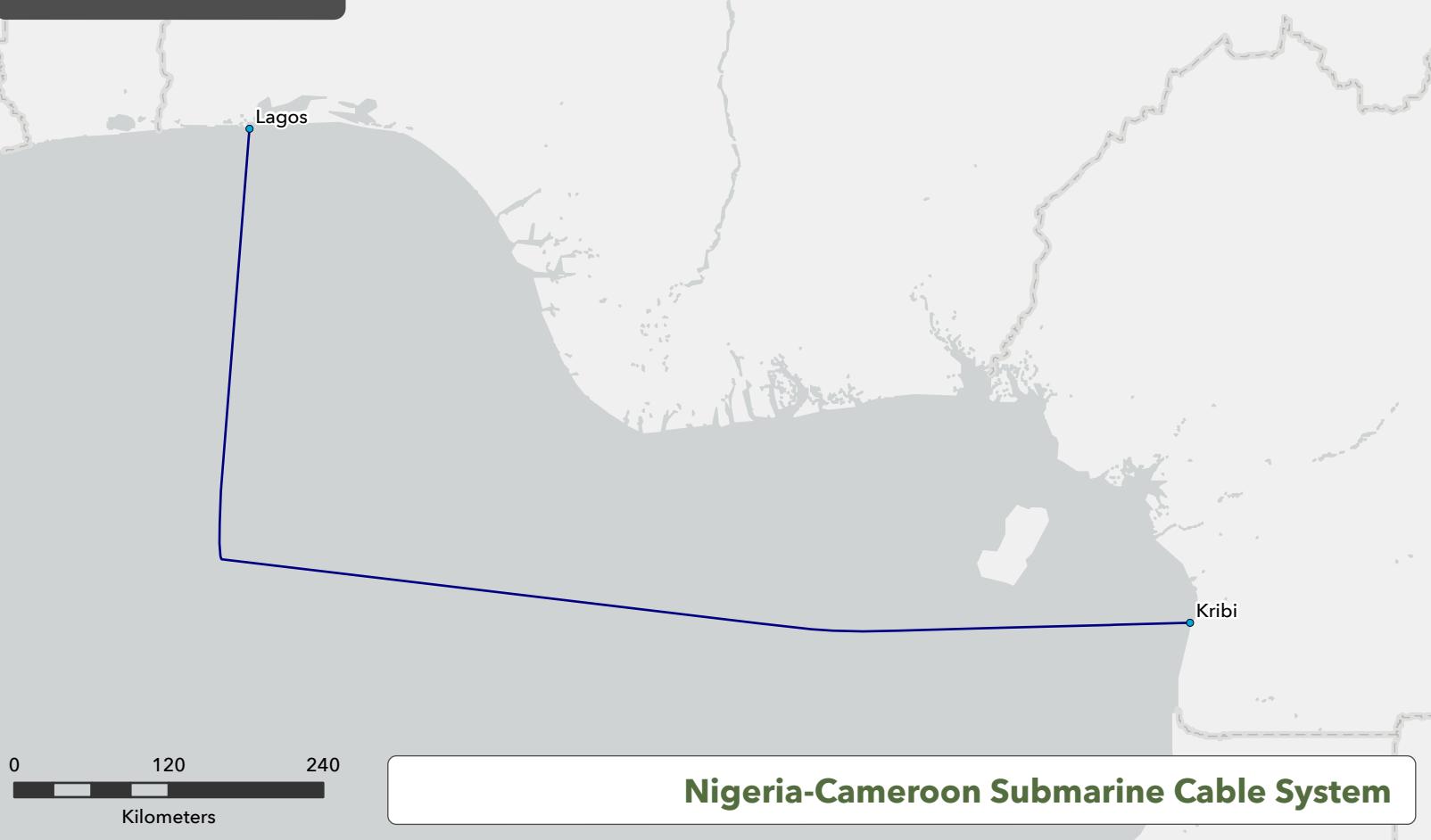
City	State/Province	Country
Ambalawi	West Nusa Tenggara	Indonesia
Ende	East Nusa Tenggara	Indonesia
Kupang	East Nusa Tenggara	Indonesia
Mataram	West Nusa Tenggara	Indonesia
Saraemee	Maluku	Indonesia
Sumbawa Besar	West Nusa Tenggara	Indonesia
Waingapu	East Nusa Tenggara	Indonesia

**SYSTEM DETAILS**

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$22,000,000
Length (km)	863
Design Capacity (Tbps)	0.1
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Dhiraagu, Dialog Axiata PLC, Ooredoo

LANDING POINTS

City	State/Province	Country
Hulhumale	North Malé Atoll	Maldives
Mount Lavinia	Western Province	Sri Lanka



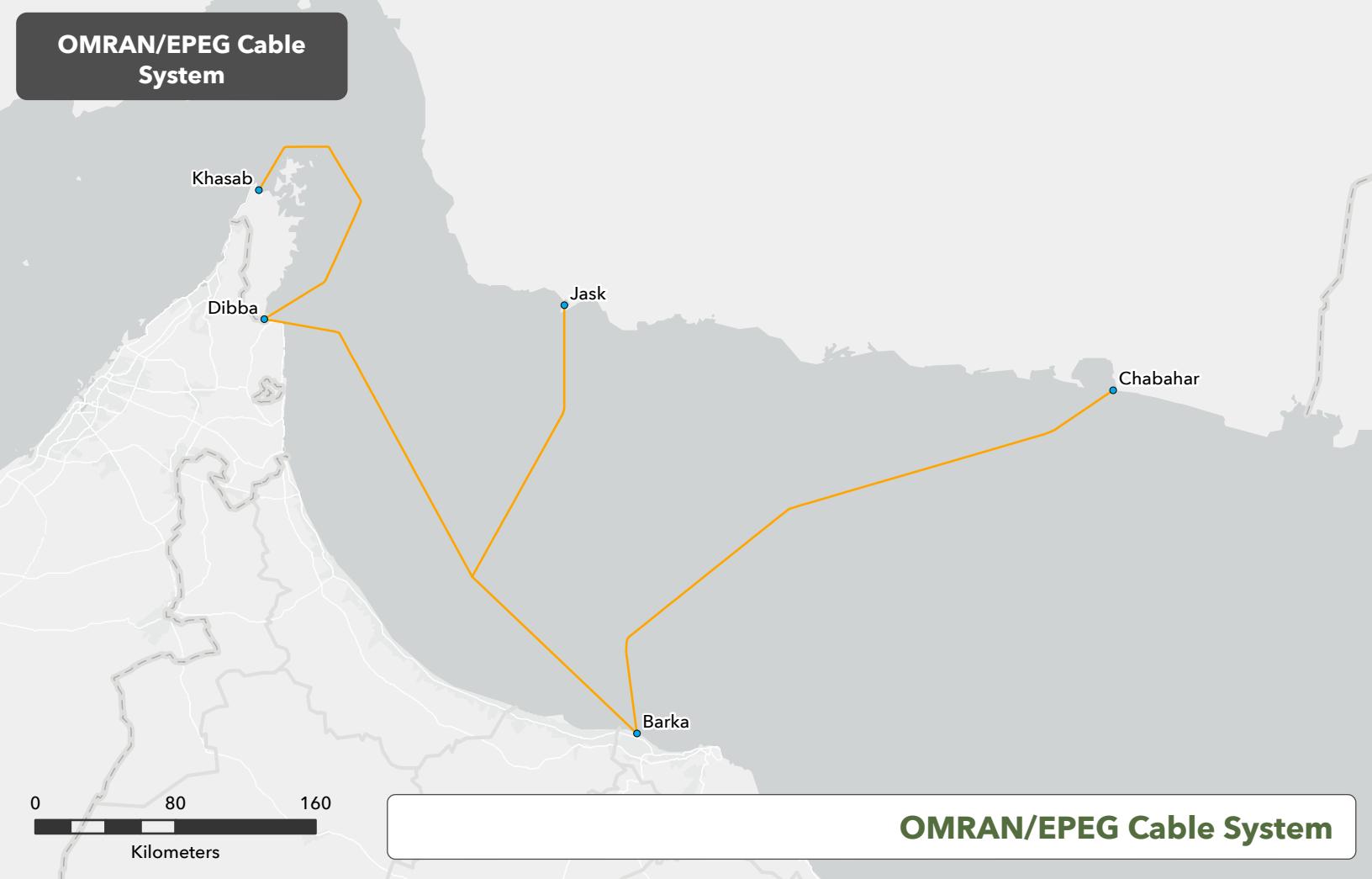
SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$30,000,000
Length (km)	1,100
Design Capacity (Tbps)	12.8
Fiber Pairs	4
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	40
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Cameroon Government, CamTel, MainOne Cable Company

LANDING POINTS

City	State/Province	Country
Kribi	South Province	Cameroon
Lagos	Lagos	Nigeria

OMRAN/EPEG Cable System

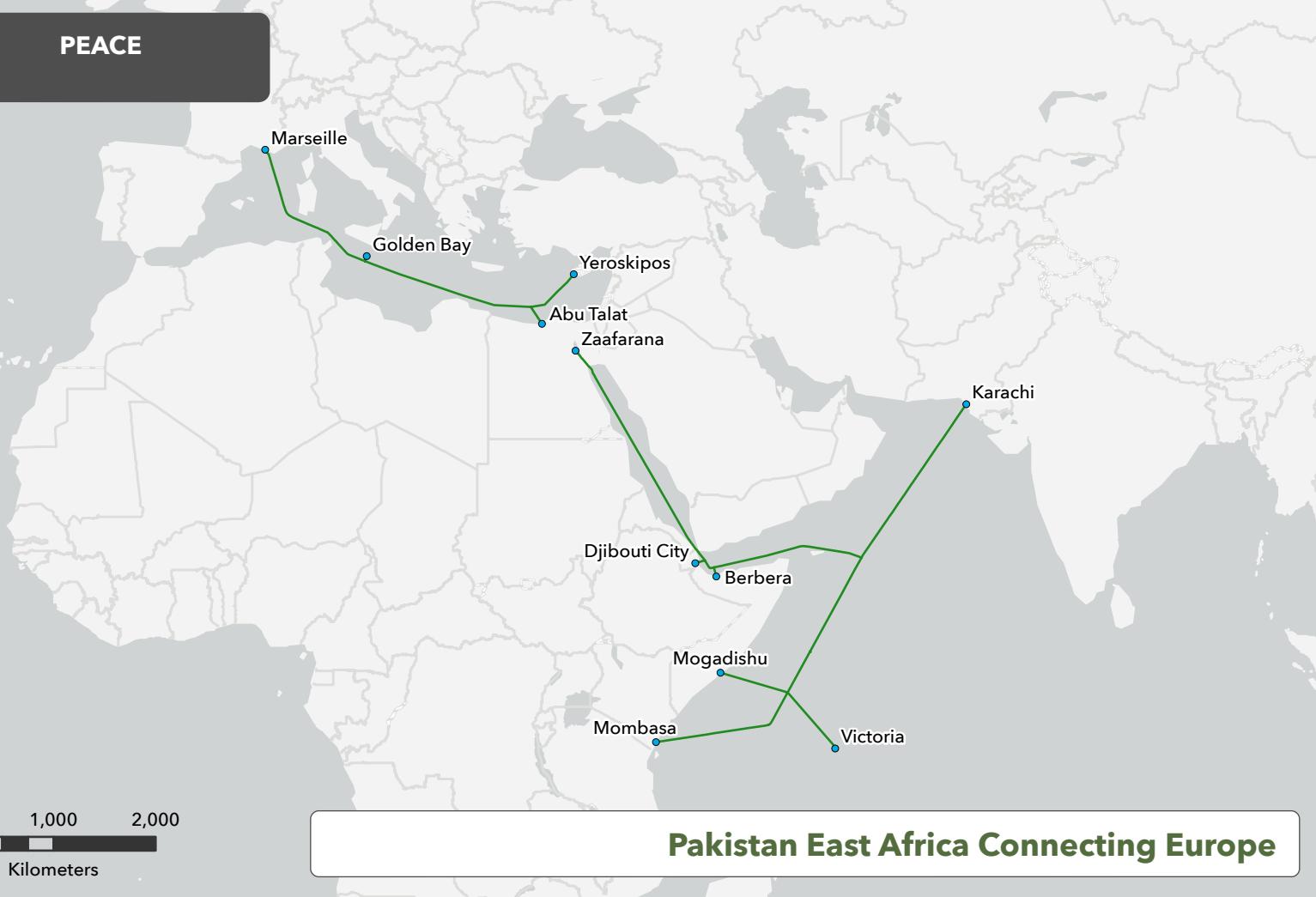


SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$15,000,000
Length (km)	600
Design Capacity (Tbps)	4
Fiber Pairs	6
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	Omantel, Vodafone

LANDING POINTS

City	State/Province	Country
Barka	Al Bāṭinah	Oman
Chabahar	Sistan and Baluchestan	Iran
Dibba	Dibba	Oman
Jask	Hormozgan	Iran
Khasab	Musandam	Oman



SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$42,500,000
Length (km)	25,000
Design Capacity (Tbps)	192
Fiber Pairs	6
Wavelengths per Fiber Pair	650
Capacity per Wavelength (Gbps)	200
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	HMN Technologies Co., Ltd. (Hengtong), Orange
Owner(s)	China-ASEAN Information Harbor, PEACE Cable International Network, Telecom Egypt

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Berbera	Sahil	Somalia
Djibouti City	Djibouti	Djibouti
Golden Bay	Ir-Ramla tal-Mixquqa	Malta
Karachi	Sindh	Pakistan
Marseille	Provence-Alpes-Côte d'Azur	France
Mogadishu	Banaadir	Somalia
Mombasa	Mombasa	Kenya
Victoria	Mahé	Seychelles
Yeroskipos	Paphos	Cyprus
Zaafarana	Red Sea Governorate	Egypt

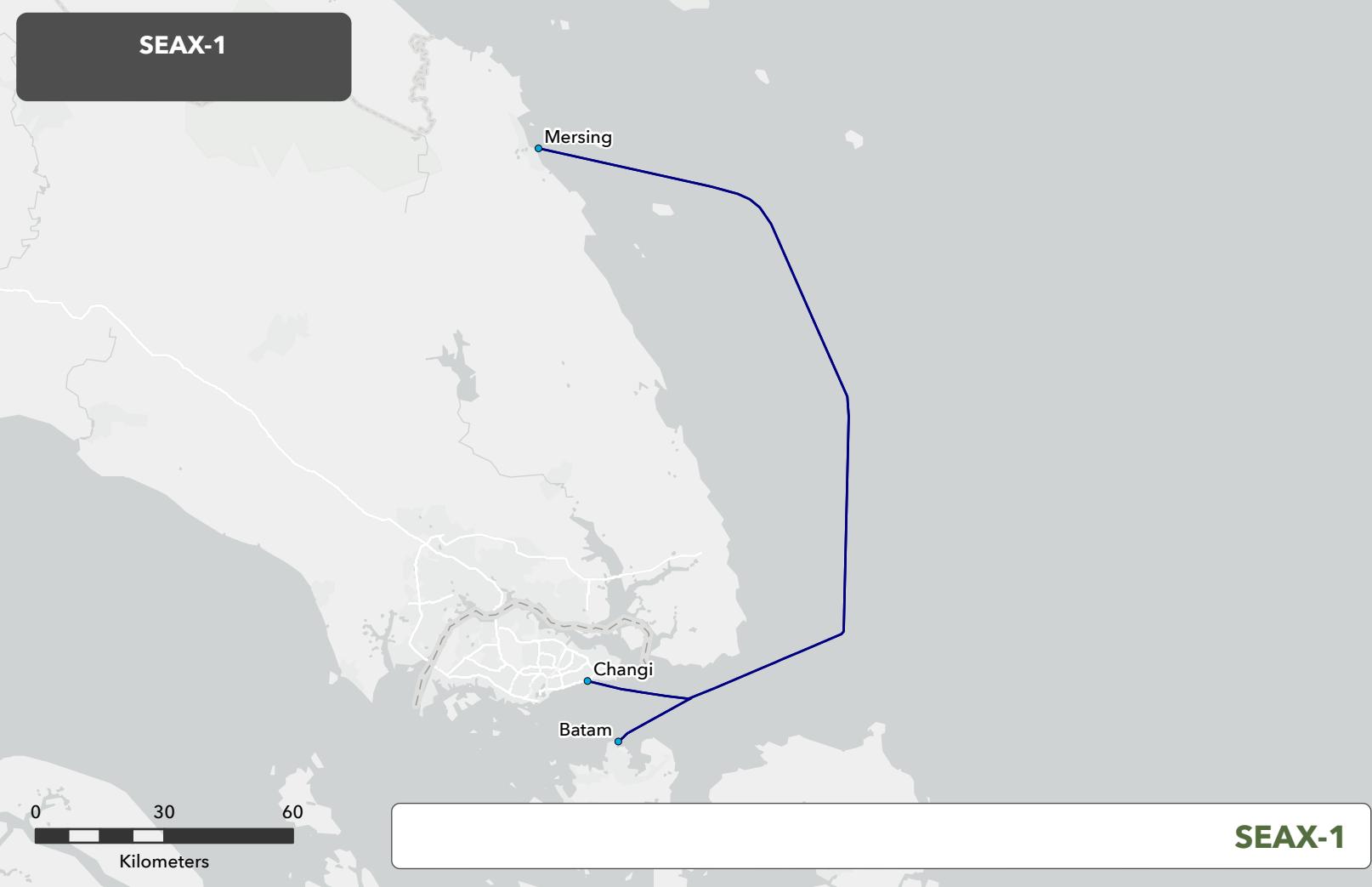


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$48,700,000
Length (km)	6,000
Design Capacity (Tbps)	32
Fiber Pairs	4
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Global Marine Systems Limited
Owner(s)	CamTel, China Unicom

LANDING POINTS

City	State/Province	Country
Fortaleza	Ceará	Brazil
Kribi	South Province	Cameroon



SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$45,000,000
Length (km)	250
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	Super SEA Cable Networks Pte. Ltd.

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Changi	East Region	Singapore
Mersing	Johor	Malaysia

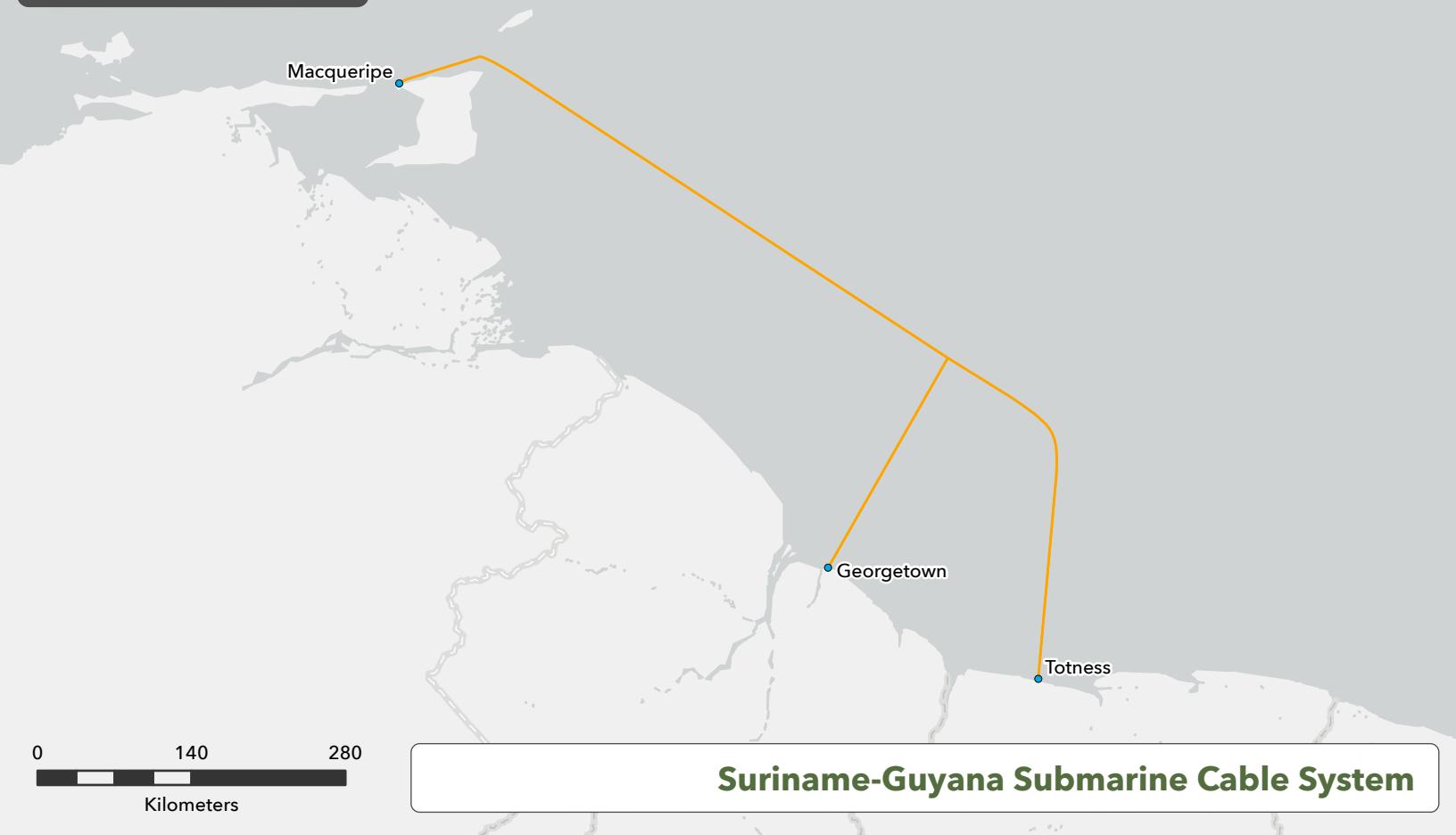


SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$625,000
Length (km)	24
Design Capacity (Tbps)	Not Available
Fiber Pairs	8
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Belize Telecom

LANDING POINTS

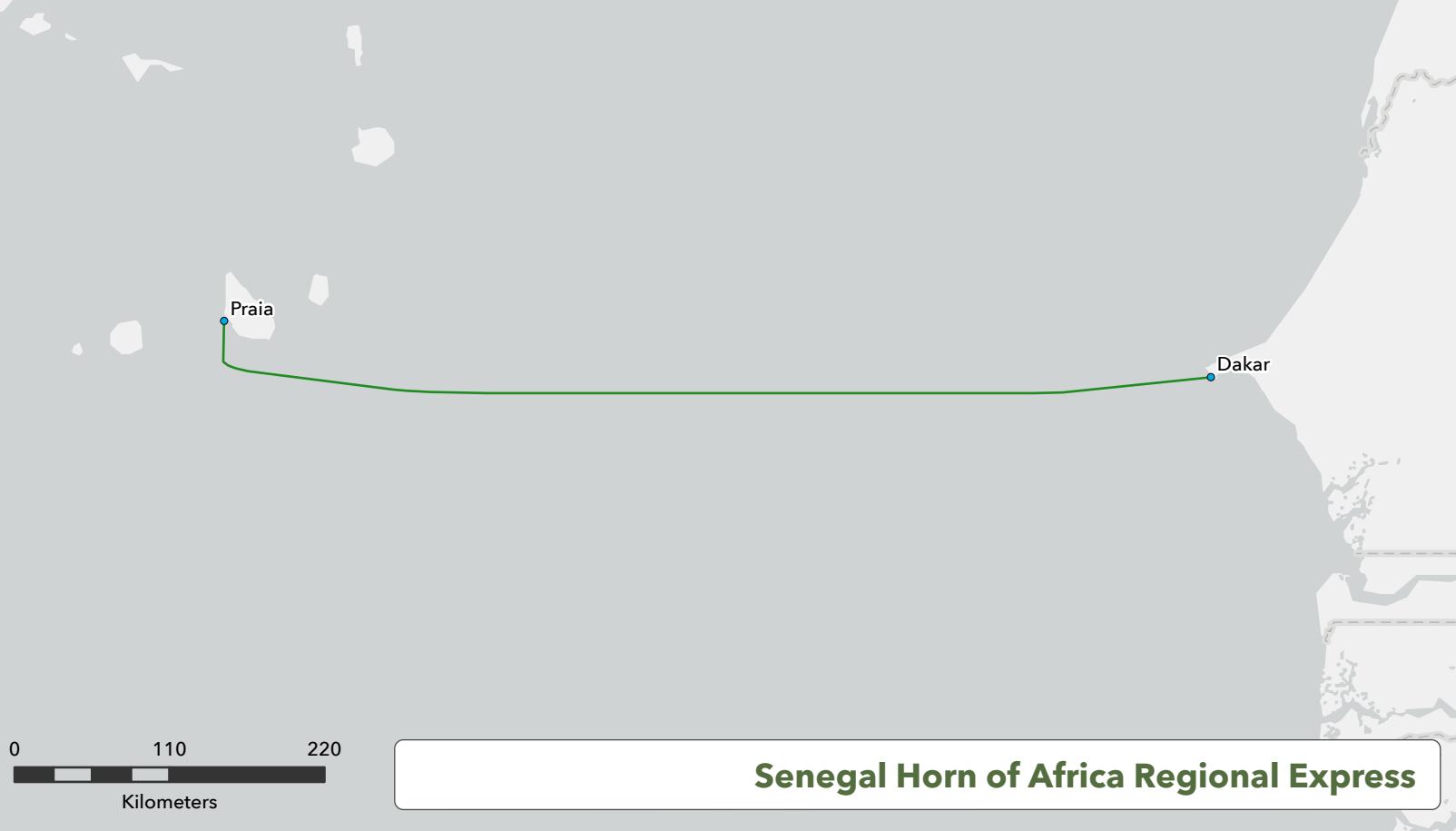
City	State/Province	Country
Bomba	Belize	Belize
San Pedro	Belize	Belize

**SYSTEM DETAILS**

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$54,000,000
Length (km)	1,249
Design Capacity (Tbps)	1.28
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Global Marine Systems Limited
Owner(s)	Guyana Telephone and Telegraph Co. Ltd., Telesur

LANDING POINTS

City	State/Province	Country
Georgetown	Demerara-Mahaica	Guyana
Macqueripe	Diego Martin	Trinidad and Tobago
Totness	Coronie District	Suriname

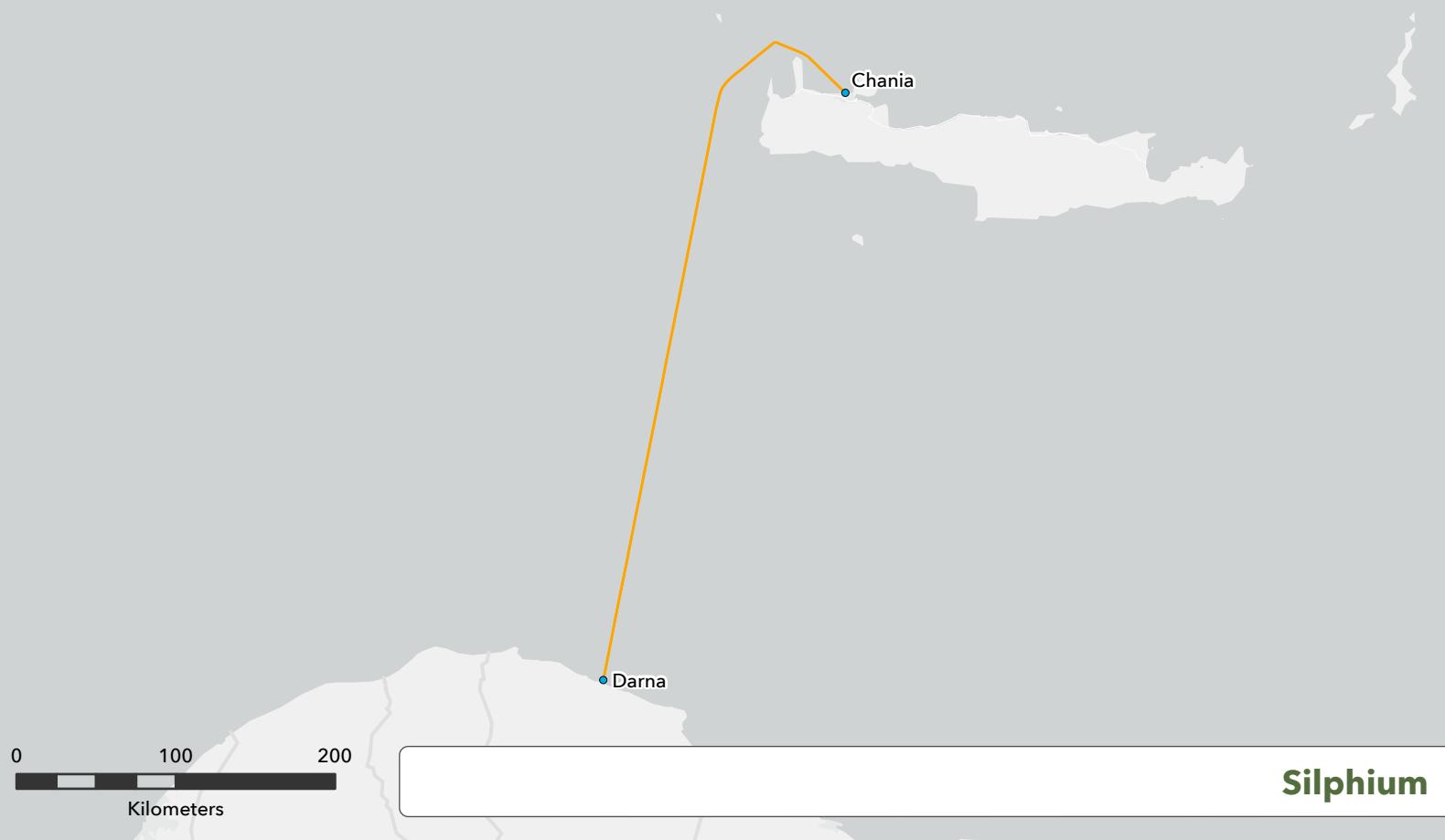


SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$18,000,000
Length (km)	720
Design Capacity (Tbps)	16
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Orange
Owner(s)	SENUM - Senegal Numerique SA, Sonatel

LANDING POINTS

City	State/Province	Country
Dakar	Dakar	Senegal
Praia	Praia	Cape Verde



SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$20,000,000
Length (km)	426
Design Capacity (Tbps)	1.2
Fiber Pairs	3
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	LITC Libyan International Telecom Company

LANDING POINTS

City	State/Province	Country
Chania	Crete	Greece
Darna	Derna	Libya



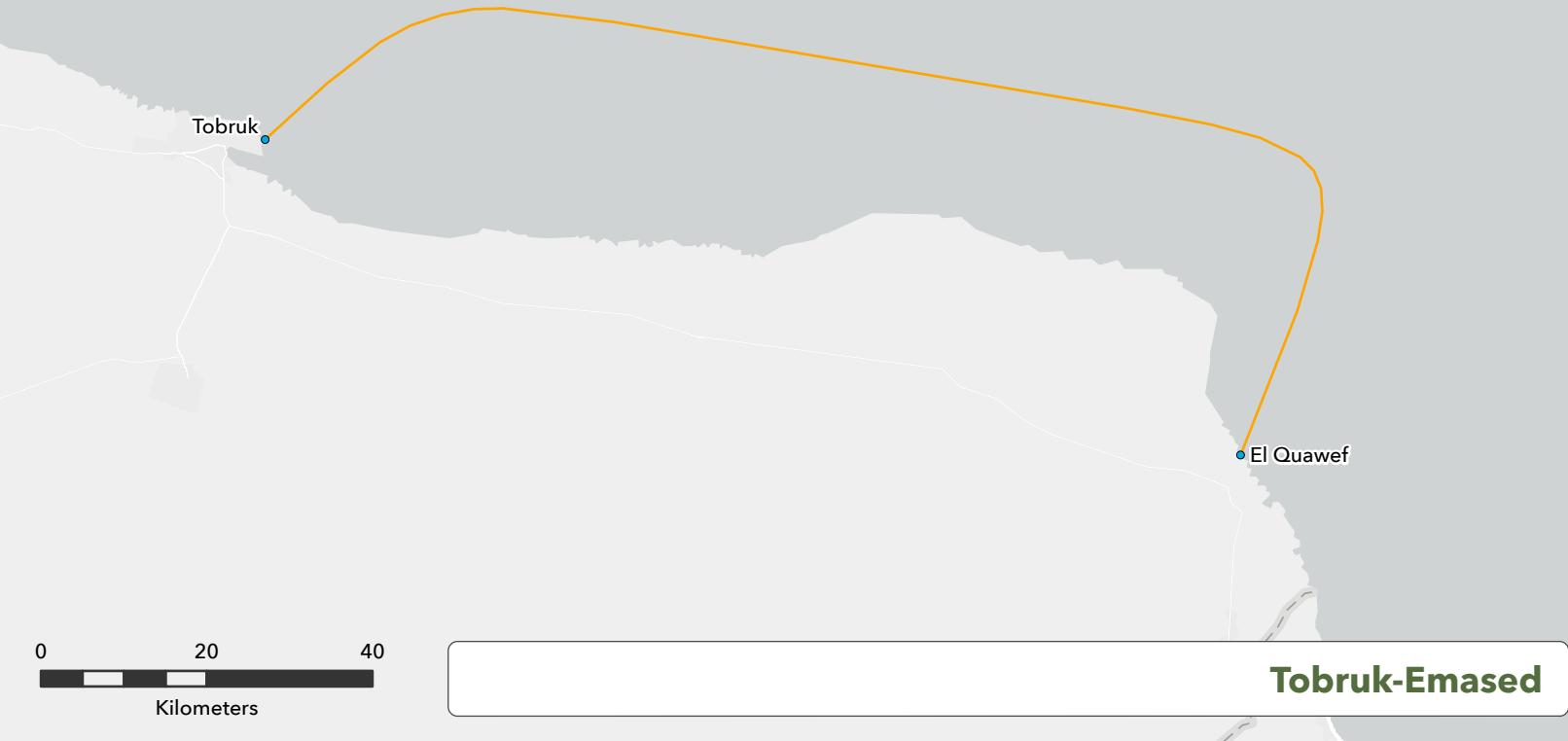
Sorsogon-Samar Submarine Fiber Optical Interconnection

SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$525,000
Length (km)	21
Design Capacity (Tbps)	307.2
Fiber Pairs	24
Wavelengths per Fiber Pair	128
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	National Grid Corporation of the Philippines (NGCP)

LANDING POINTS

City	State/Province	Country
Allen	Northern Samar	Philippines
Santa Magdalena	Sorsogon	Philippines

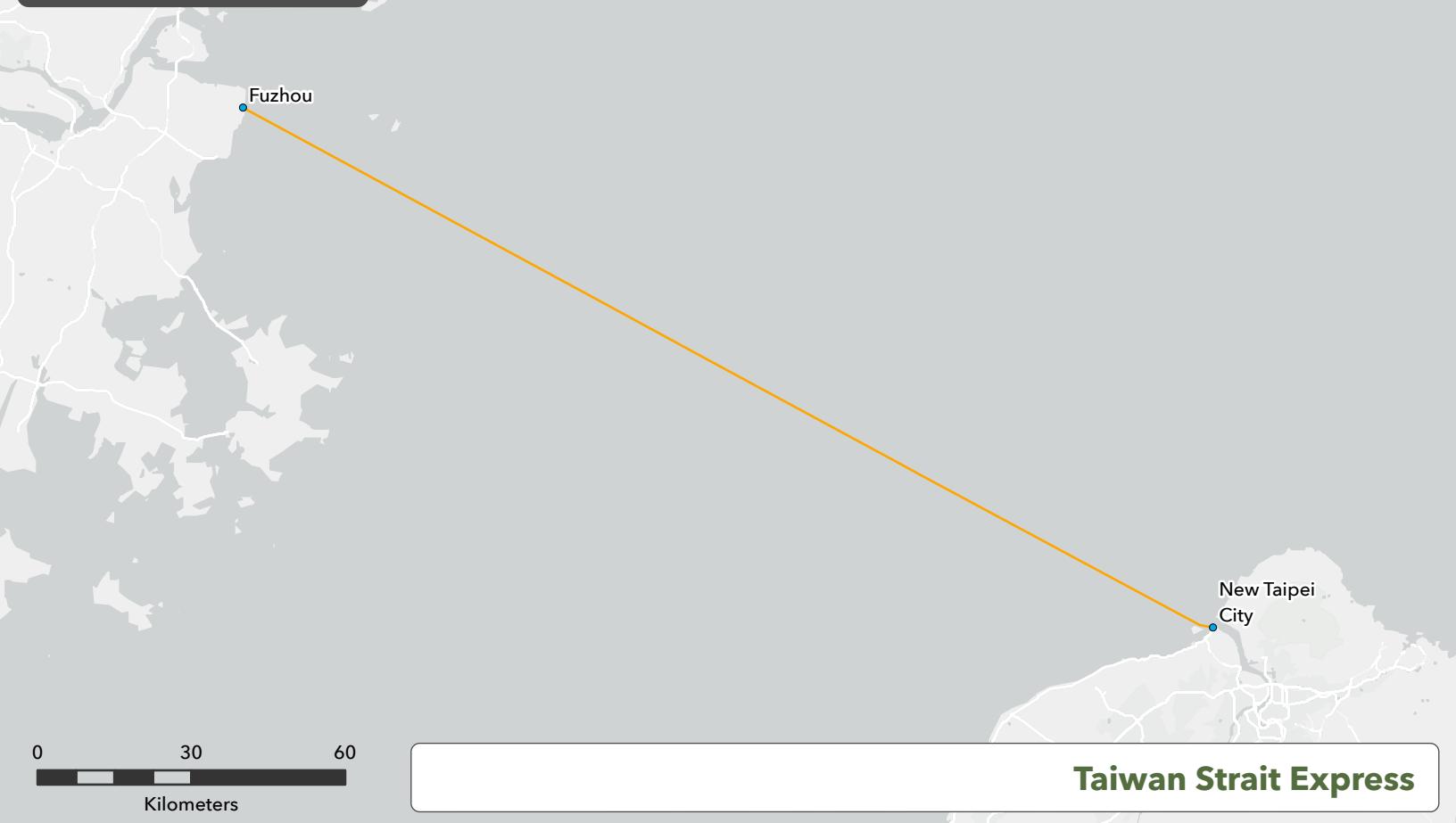


SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$10,000,000
Length (km)	178
Design Capacity (Tbps)	25.6
Fiber Pairs	8
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	40
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Orange
Owner(s)	Libyan International Telecommunications Company

LANDING POINTS

City	State/Province	Country
Bardia	Butnan	Libya
Tobruk	Butnan	Libya

**SYSTEM DETAILS**

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$10,000,000
Length (km)	270
Design Capacity (Tbps)	6.4
Fiber Pairs	8
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	S.B. Submarine Systems
Owner(s)	China Mobile, China Unicom, Chunghwa Telecom Co., Far EasTone Telecommunications, Taiwan International Gateway Corporation, Taiwan Mobile

LANDING POINTS

City	State/Province	Country
Fuzhou	Fujian Province	China
New Taipei City	New Taipei City	Taiwan



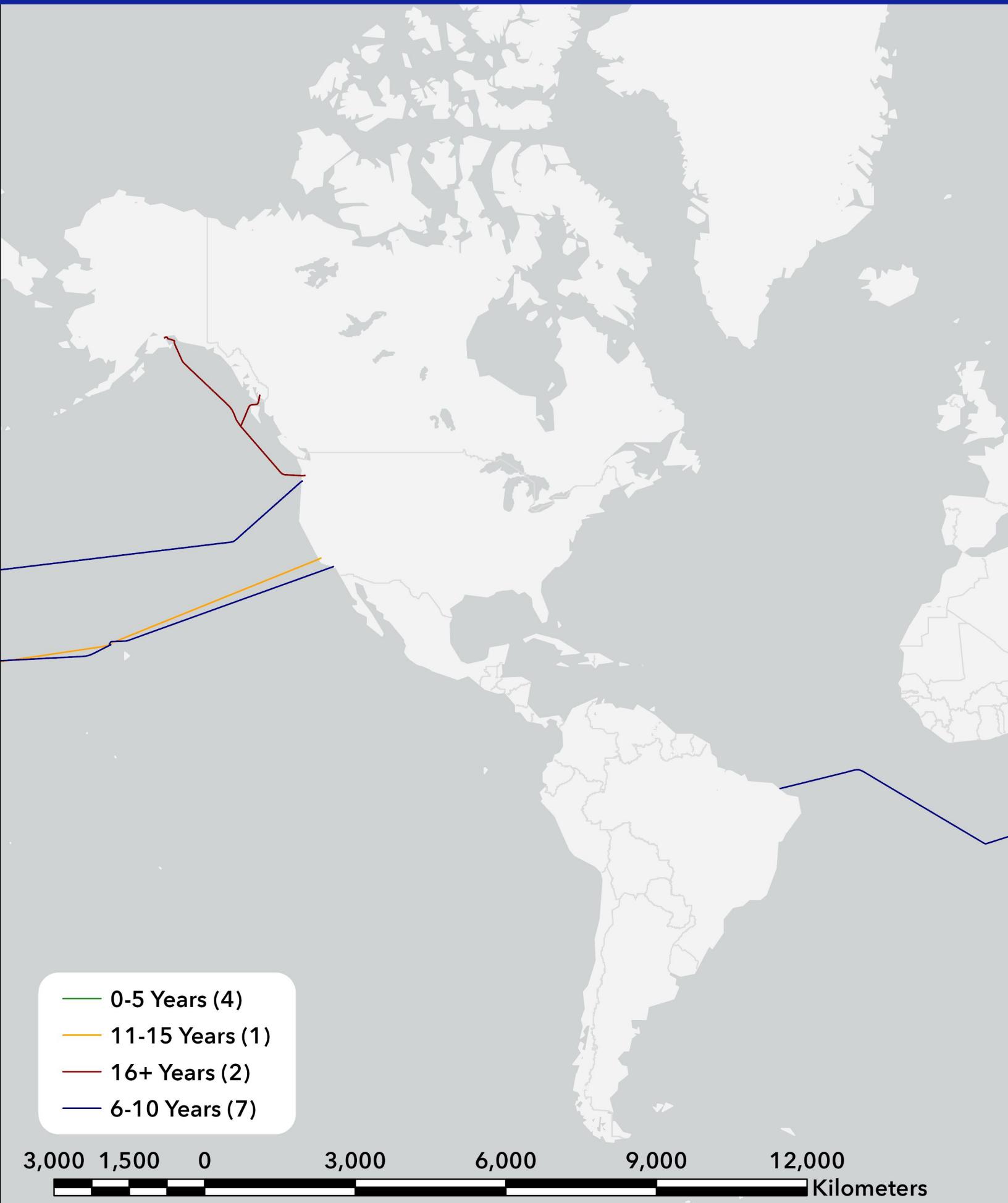
SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$40,000,000
Length (km)	1,237
Design Capacity (Tbps)	1.28
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	3
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), SubCom
System Installer	SubCom
Owner(s)	Trans-World Associates

LANDING POINTS

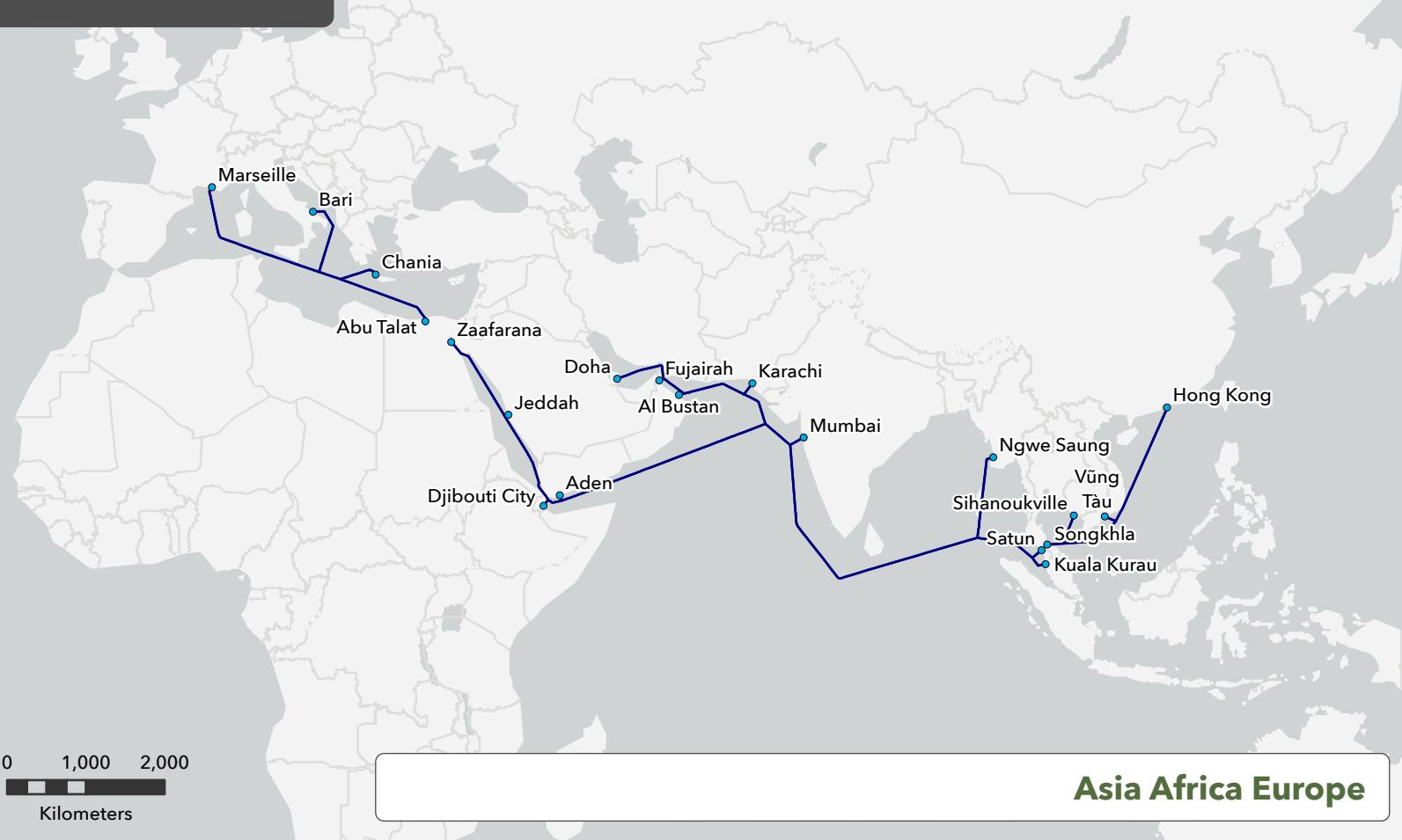
City	State/Province	Country
Al Seeb	Muscat	Oman
Fujairah	Fujairah	United Arab Emirates
Karachi	Sindh	Pakistan

In Service Sys



systems - NEC





SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$80,000,000
Length (km)	25,000
Design Capacity (Tbps)	80
Fiber Pairs	5
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	200
System Supplier	NEC, SubCom
System Installer	Orange, SubCom
Owner(s)	China Unicom, CIL, Djibouti Telecom, Etisalat, GT5L, HKT (PCCW Global), Mobily, Omantel, Ooredoo, OTE Globe, PCCW Global, PTCL, Reliance Jio Infocomm Limited, Retelit, Telecom Egypt, Telecom Yemen, TOT Public Co Ltd., Viettel

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Aden	Aden	Yemen
Al Bustan	Muscat	Oman
Bari	Apulia	Italy
Chania	Crete	Greece
Djibouti City	Djibouti	Djibouti
Doha	Doha	Qatar
Fujairah	Fujairah	United Arab Emirates
	Hong Kong	China
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Kuala Kurau	Perak	Malaysia
Marseille	Provence-Alpes-Côte d'Azur	France
Mumbai	Maharashtra	India
Ngwe Saung	Ayeyarwady	Myanmar
Satun	Satun	Thailand
Sihanoukville	Preah Sihanouk	Cambodia
Songkhla	Songkhla	Thailand
Vũng Tàu	Bà Rịa-Vũng Tàu	Vietnam
Zaafarana	Red Sea Governorate	Egypt



SYSTEM DETAILS

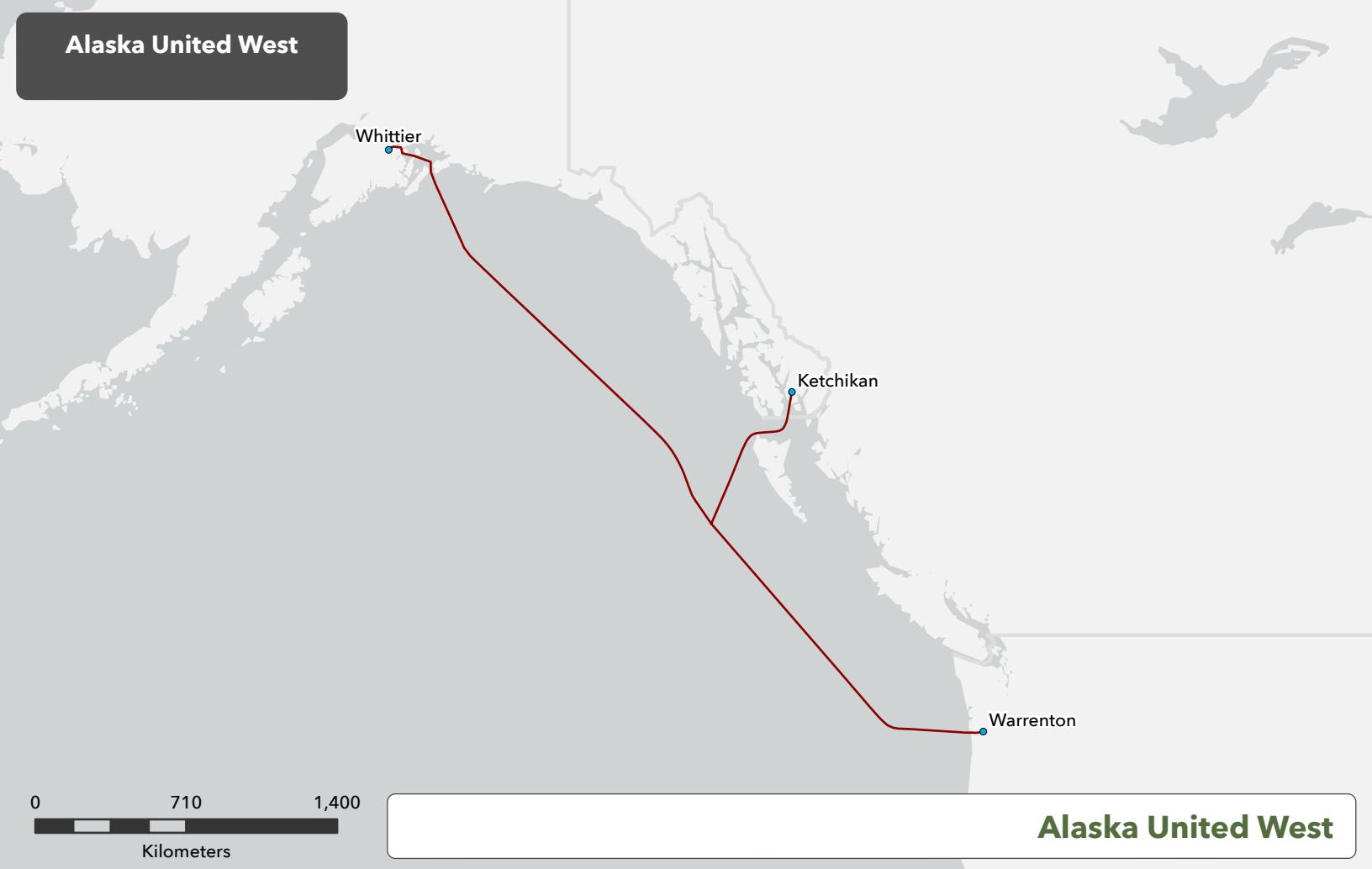
RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$50,000,000
Length (km)	20,547
Design Capacity (Tbps)	16.8
Fiber Pairs	2
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, Mitsubishi Electric Corporation, NEC

System Installer	ASEAN Cables, ASN, Orange, Telekom Malaysia Berhad
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Owner(s)	AT&T Inc., BayanTel, Bharti Airtel Limited, BT, CAT Telecom, Eastern Telecommunications Philippines, Inc. (ETPI), FPT Telecom, Government of Brunei Darussalam, PLDT, Saigon Postel Corporation, Starhub Ltd., Telcotech Limited, Telecom New Zealand, Telekom Malaysia Berhad, Telkom Indonesia, Telstra, Viettel, VNPT
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LANDING POINTS

City	State/Province	Country
Changi	East Region	Singapore
Grover Beach	California	United States
Keawaula	Hawaii	United States
La Union	La Union	Philippines
Lantau	Hong Kong	China
Mersing	Johor	Malaysia
Sri Racha	Chon Buri	Thailand
Tanguisson Point	Guam	United States
Tungku	Brunei-Muara	Brunei
Vung Tau	Bà Rịa-Vung Tau	Vietnam



SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$30,000,000
Length (km)	2,483
Design Capacity (Tbps)	0.64
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC, OCC
System Installer	Global Marine Systems Limited
Owner(s)	GCI

LANDING POINTS

City	State/Province	Country
Ketchikan	Alaska	United States
Warrenton	Oregon	United States
Whittier	Alaska	United States



0 50 100
Kilometers

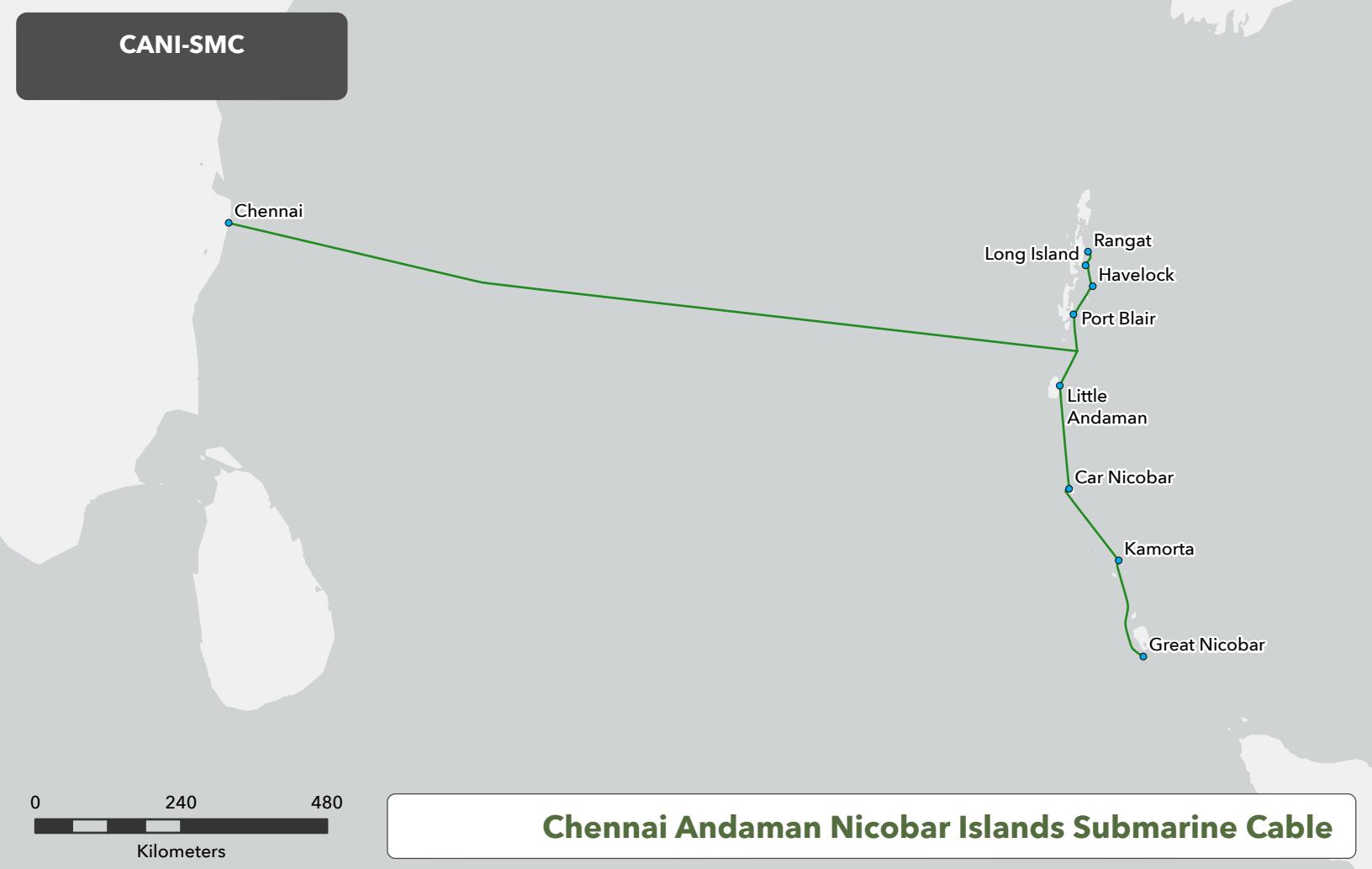
ATISA

SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$7,000,000
Length (km)	280
Design Capacity (Tbps)	7.2
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	NEC
System Installer	SubCom
Owner(s)	Docomo Pacific, Inc.

LANDING POINTS

City	State/Province	Country
Piti		Guam
Sasanlagu	Rota	Northern Mariana Islands
Sugar Dock	Saipan	Northern Mariana Islands
Tachognya Beach	Tinian	Northern Mariana Islands



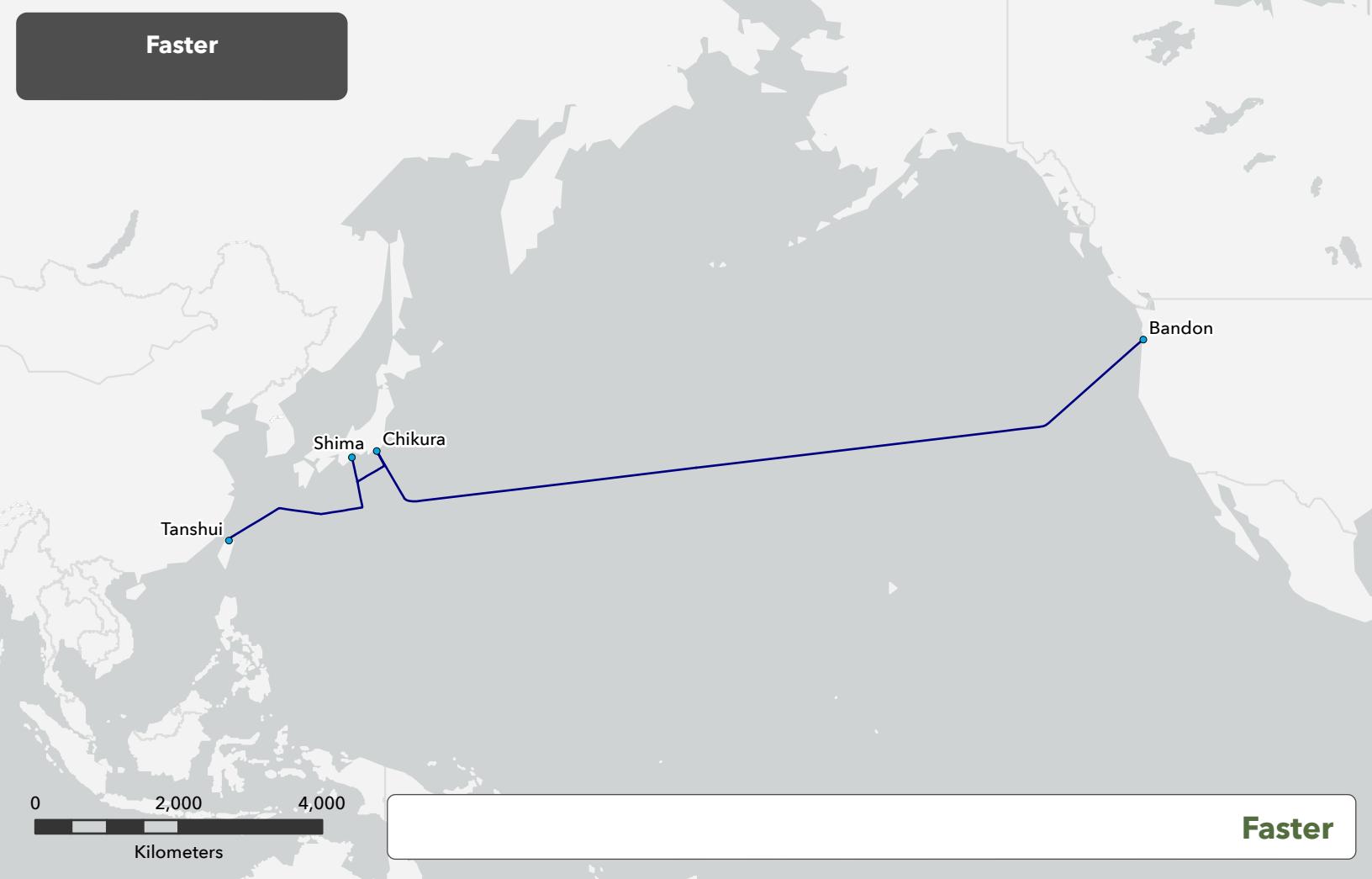
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$17,000,000
Length (km)	2,300
Design Capacity (Tbps)	25.6
Fiber Pairs	4
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	NEC
System Installer	NEC
Owner(s)	BSNL

LANDING POINTS

City	State/Province	Country
Car Nicobar	Andaman and Nicobar	India
Chennai	Tamil Nadu	India
Great Nicobar	Andaman and Nicobar	India
Havelock	Andaman and Nicobar	India
Kamorta	Karnataka	India
Little Andaman	Andaman and Nicobar	India
Long Island	Andaman and Nicobar	India
Port Blair	Andaman and Nicobar	India
Rangat	Andaman and Nicobar	India

Faster



SYSTEM DETAILS

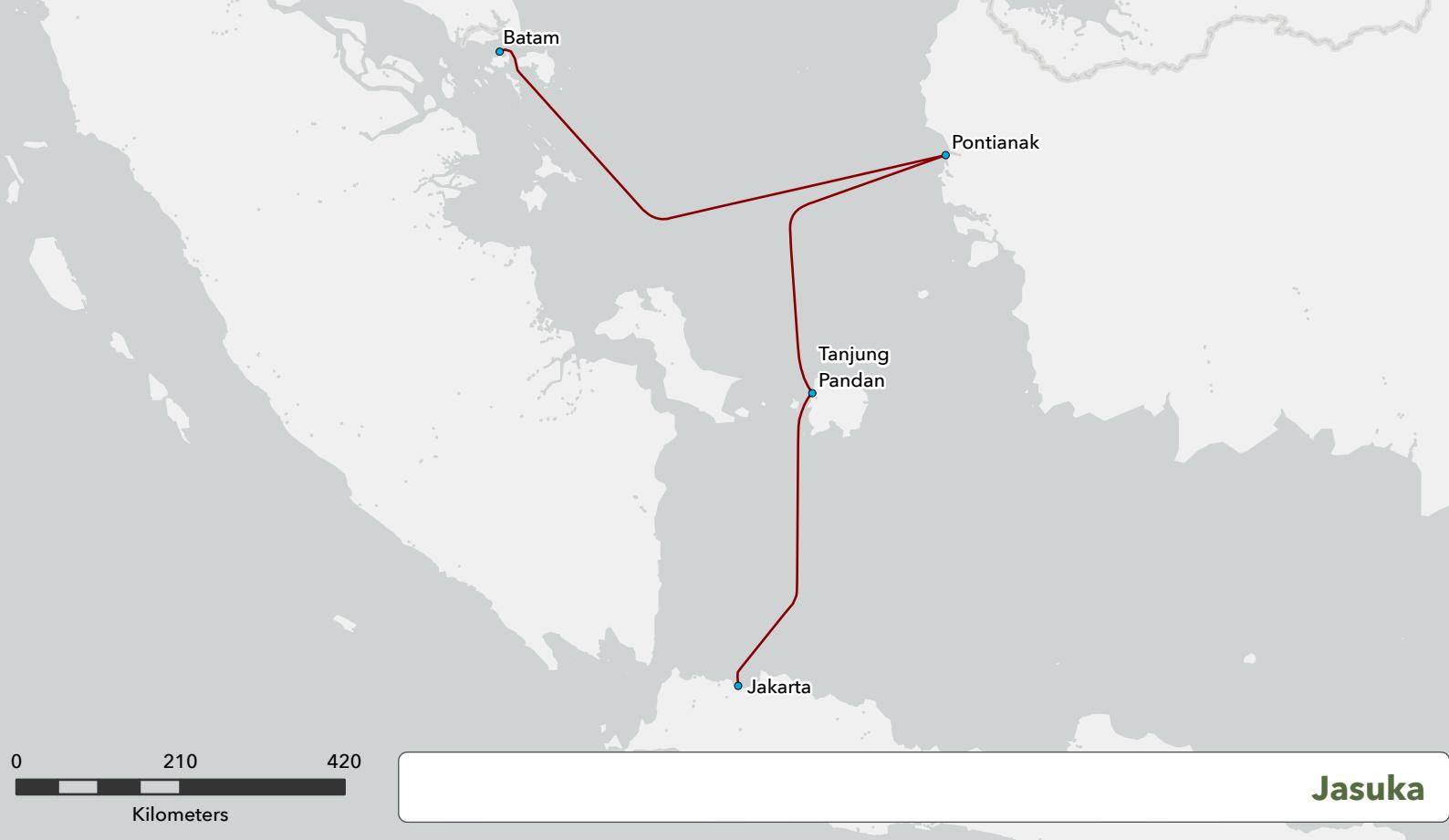
RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$35,000,000
Length (km)	11,629
Design Capacity (Tbps)	60
Fiber Pairs	6
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	NEC

LANDING POINTS

City	State/Province	Country
Bandon	Oregon	United States
Chikura	Chiba	Japan
Shima	Mie	Japan
Tanshui	New Taipei City	Taiwan

System Installer	Orange
Owner(s)	China Mobile International Ltd., China Telecom Global, Global Transit Communications Sdn Bhd, Google, Singtel

Jasuka

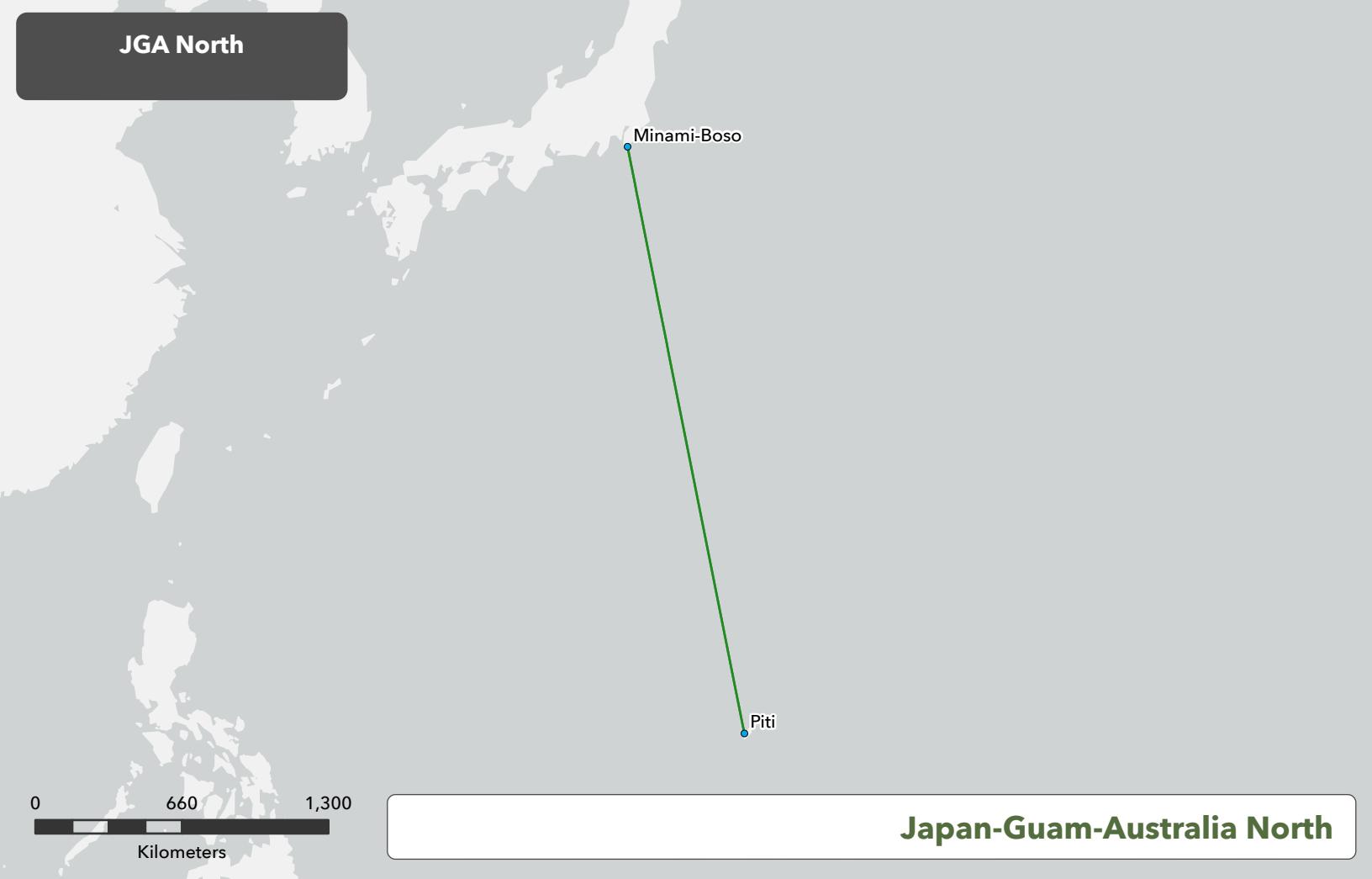


SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$28,000,000
Length (km)	354
Design Capacity (Tbps)	0.32
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC
System Installer	Not Available
Owner(s)	PT Telekom

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Jakarta	Jakarta	Indonesia
Pontianak	West Kalimantan	Indonesia
Tanjung Pandan	Bangka Belitung Islands	Indonesia



SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$65,000,000
Length (km)	2,700
Design Capacity (Tbps)	24
Fiber Pairs	2
Wavelengths per Fiber Pair	120
Capacity per Wavelength (Gbps)	100
System Supplier	NEC
System Installer	NEC
Owner(s)	RTI Connectivity

LANDING POINTS

City	State/Province	Country
Minami-Boso	Chiba	Japan
Piti		Guam

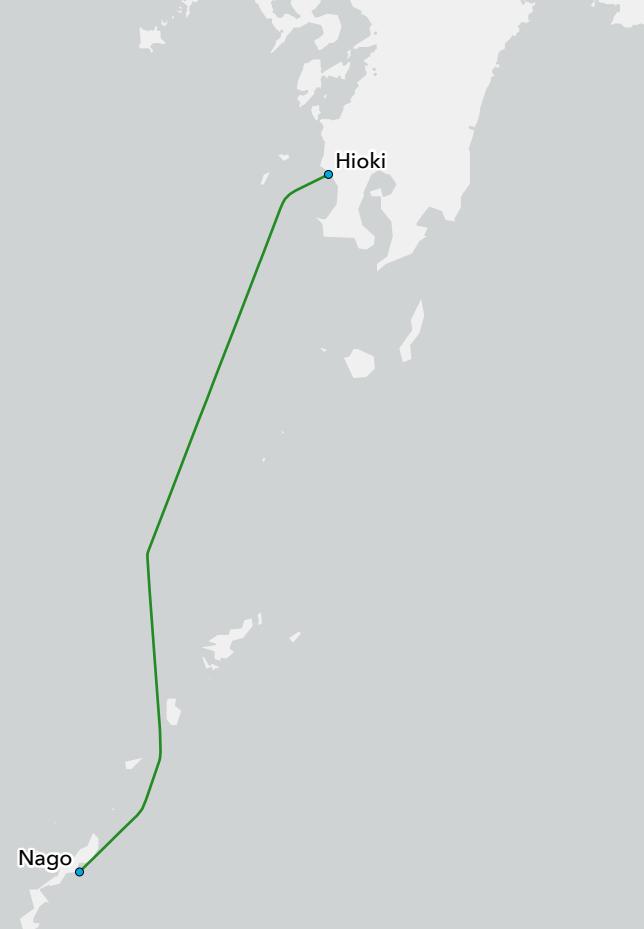


SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$17,500,000
Length (km)	7,000
Design Capacity (Tbps)	36
Fiber Pairs	2
Wavelengths per Fiber Pair	180
Capacity per Wavelength (Gbps)	100
System Supplier	NEC
System Installer	Not Available
Owner(s)	AARNet, Google, RTI Connectivity

LANDING POINTS

City	State/Province	Country
Piti		Guam
Sunshine Coast	Queensland	Australia
Sydney	New South Wales	Australia



0 160 320
Kilometers

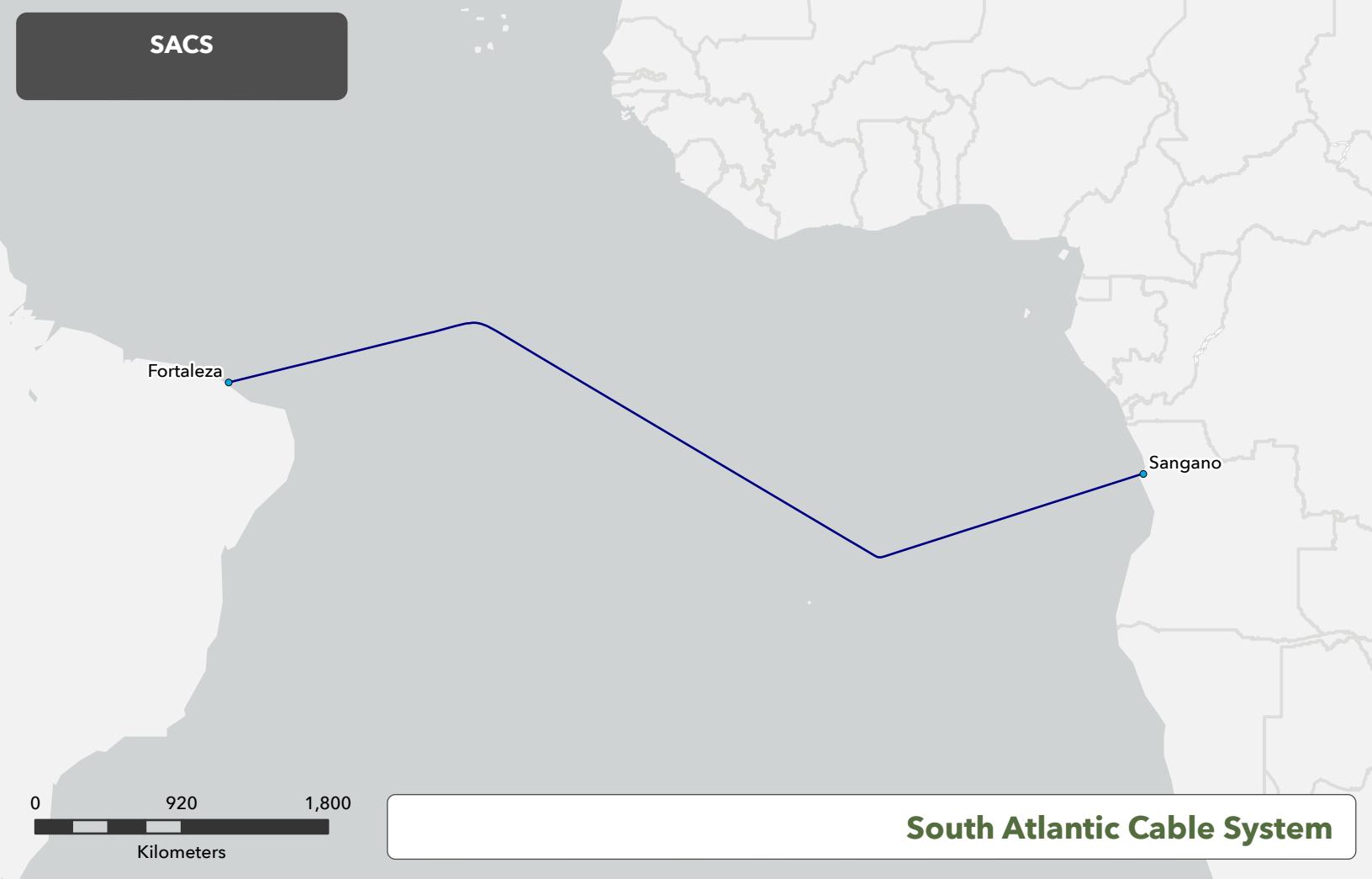
Okinawa Cellular Cable

SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$20,000,000
Length (km)	760
Design Capacity (Tbps)	80
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC
System Installer	NEC
Owner(s)	Okinawa Cellular

LANDING POINTS

City	State/Province	Country
Hioki	Kagoshima	Japan
Nago	Okinawa	Japan



SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$13,000,000
Length (km)	6,209
Design Capacity (Tbps)	40
Fiber Pairs	4
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	NEC
System Installer	Orange
Owner(s)	Angola Cables

LANDING POINTS

City	State/Province	Country
Fortaleza	Ceará	Brazil
Sangano	Luanda Province	Angola



SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$10,000,000
Length (km)	20,000
Design Capacity (Tbps)	38
Fiber Pairs	3
Wavelengths per Fiber Pair	3
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, NEC
System Installer	ASN, Elettra, Orange
Owner(s)	Bangladesh Submarine Cable Company, China Global Telecommunications Limited, China Mobile International Ltd., China Network Communications Group Co. Ltd., Djibouti Telecom, Emirates Integrated Telecommunications Co., Myanmar Post and Telecom, PT Telekom, Saudi Telecom Company, Sri Lanka Telecom Limited, Telecom Italia Sparkle, Telekom Malaysia Berhad, TOT Public Co Ltd., Yemen International Telecommunications Co.

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Al Hudaydah	Al Hudaydah	Yemen
Catania	Sicily	Italy
Djibouti City	Djibouti	Djibouti
Dumai	Riau	Indonesia
Fujairah	Fujairah	United Arab Emirates
Karachi	Sindh	Pakistan
Kuakata	Barisal Division	Bangladesh
Marmaris	Muğla	Turkey
Matara	Souther Province	Sri Lanka
Medan	North Sumatra	Indonesia
Melaka	Malacca	Malaysia
Ngwe Saung	Ayeyarwady	Myanmar
Qalhat	Ash Sharqiyah	Oman
Toulon	Provence-Alpes-Côte d'Azur	France
Tuas	West Region	Singapore
Yanbu	Al Madinah Province	Saudi Arabia
Zaafarana	Red Sea Governorate	Egypt



South East Asia-United States

SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$25,000,000
Length (km)	14,500
Design Capacity (Tbps)	35
Fiber Pairs	2
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	NEC

LANDING POINTS

City	State/Province	Country
Davao City	Davao del Sur	Philippines
Hermosa Beach	California	United States
Kauditan	North Sulawesi	Indonesia
Magachgil	Yap	Micronesia
Makaha	Hawaii	United States
Ngeremlengui	Ngeremlengui	Palau
Piti		Guam

System Installer S.B. Submarine Systems

Owner(s) Globe Telecom, GTA, GTI, Hawaiian Telecom, RTI Cable, Telin, Telkom USA

**SYSTEM DETAILS**

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$10,000,000
Length (km)	3,500
Design Capacity (Tbps)	6
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC

System Installer Telekom Malaysia Berhad

Owner(s) Telekom Malaysia Berhad, TIME dotCom Berhad

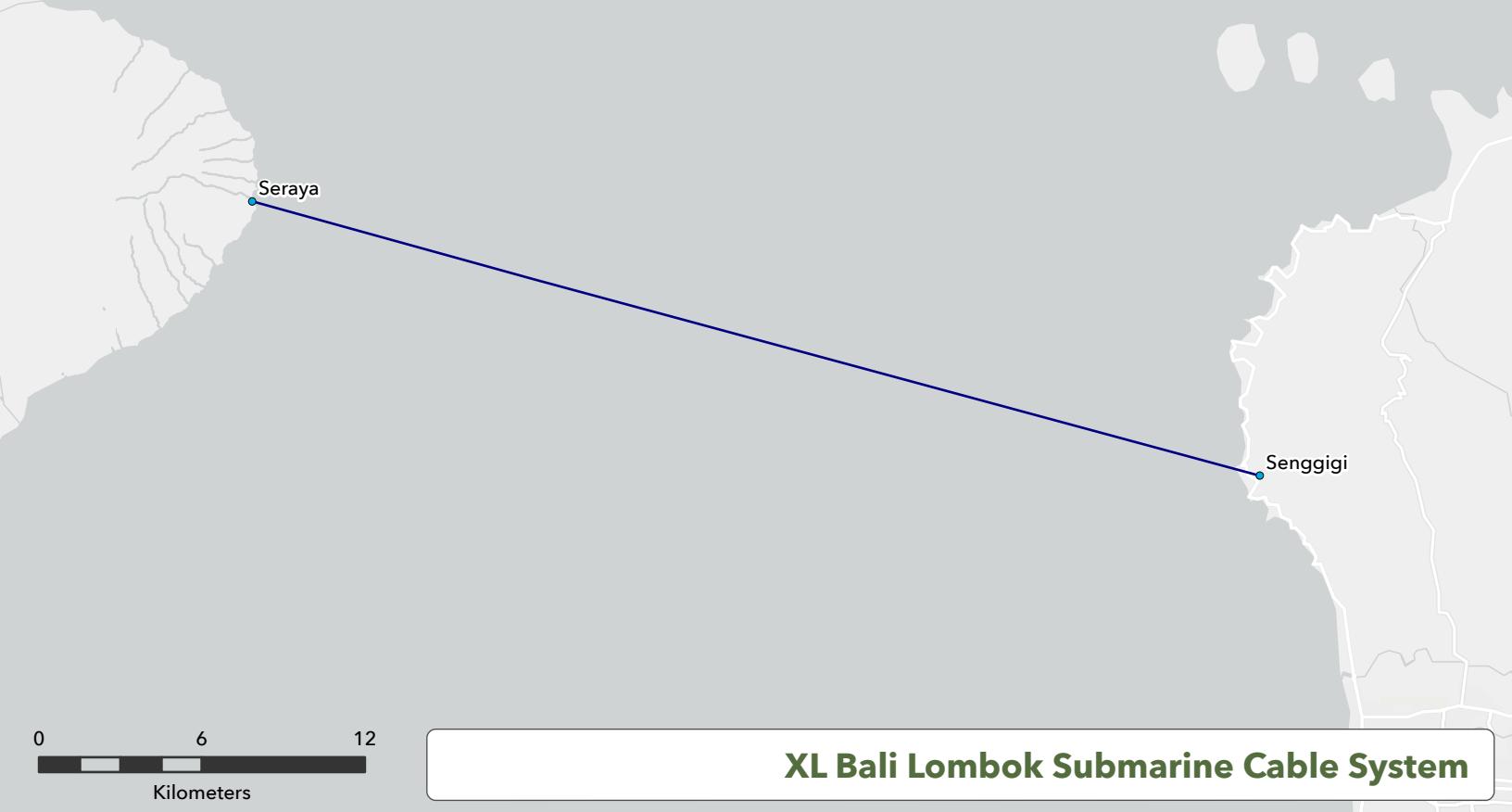
LANDING POINTS

City	State/Province	Country
Bintulu	Sarawak	Malaysia
Cherating	Sarawak	Malaysia
Kota Kinabalu	Sabah	Malaysia
Kuching	Sarawak	Malaysia
Mersing	Johor	Malaysia
Miri	Sarawak	Malaysia

In Service System





**SYSTEM DETAILS**

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$1,250,000
Length (km)	50
Design Capacity (Tbps)	Not Available
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Not Available
Owner(s)	PT XL Axiata

LANDING POINTS

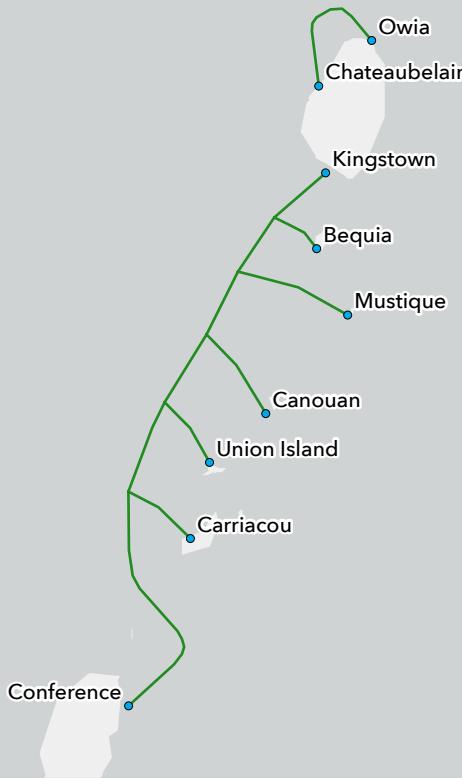
City	State/Province	Country
Senggigi	West Nusa Tenggara	Indonesia
Seraya	Bali	Indonesia

**SYSTEM DETAILS**

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$2,725,000
Length (km)	109
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Not Available
Owner(s)	Telenor

LANDING POINTS

City	State/Province	Country
Bodø	Nordland	Norway
Røst	Nordland	Norway



0 30 60
Kilometers

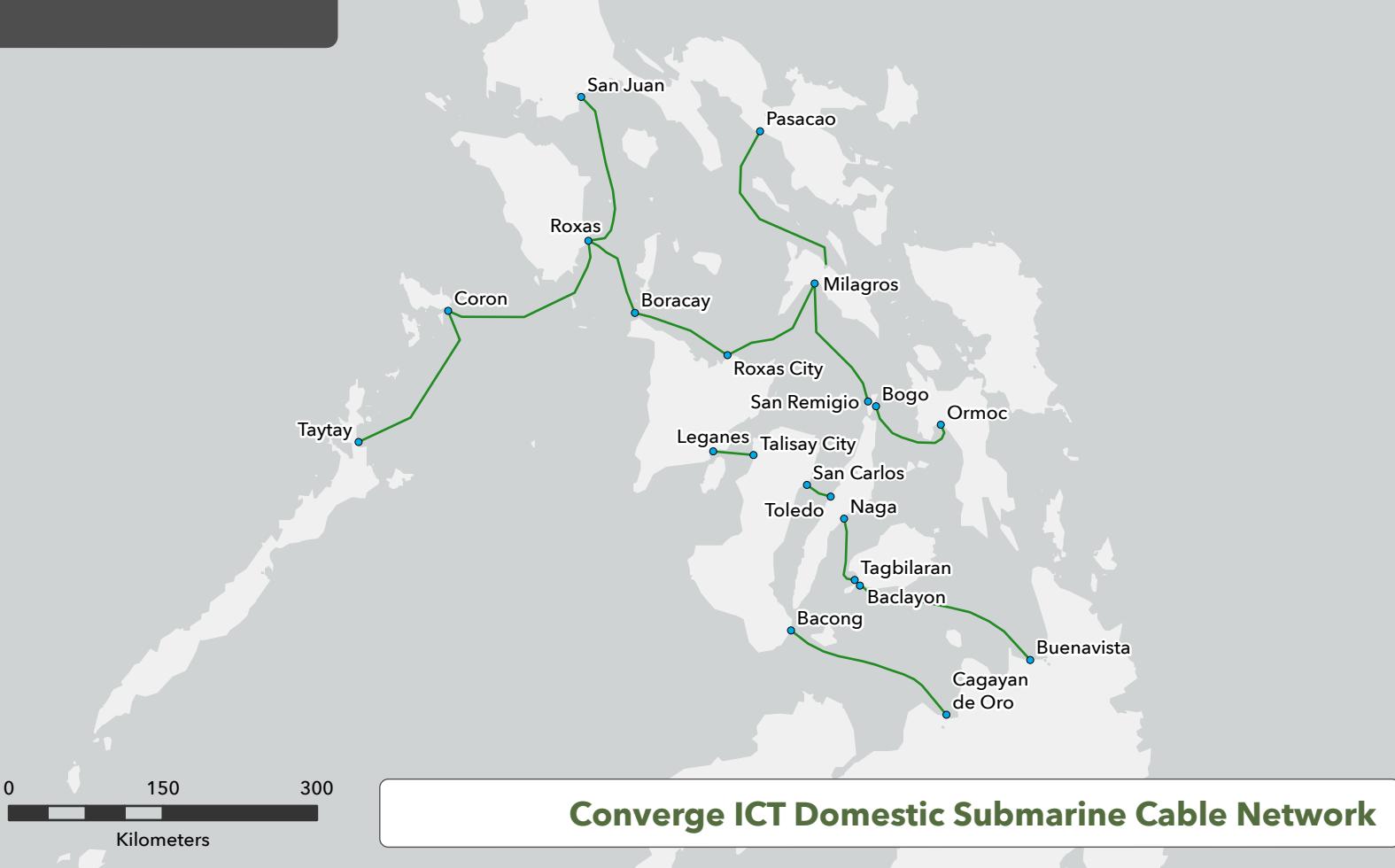
Caribbean Regional Communications Infrastructure Program

SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$5,625,000
Length (km)	225
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Not Available
Owner(s)	Digicel

LANDING POINTS

City	State/Province	Country
Bequia		St. Vincent and the
Canouan		St. Vincent and the
Carriacou		Grenada
Chateaubelair		St. Vincent and the
Conference		Grenada
Kingstown		St. Vincent and the
Mustique		St. Vincent and the
Owia		St. Vincent and the
Union Island		St. Vincent and the

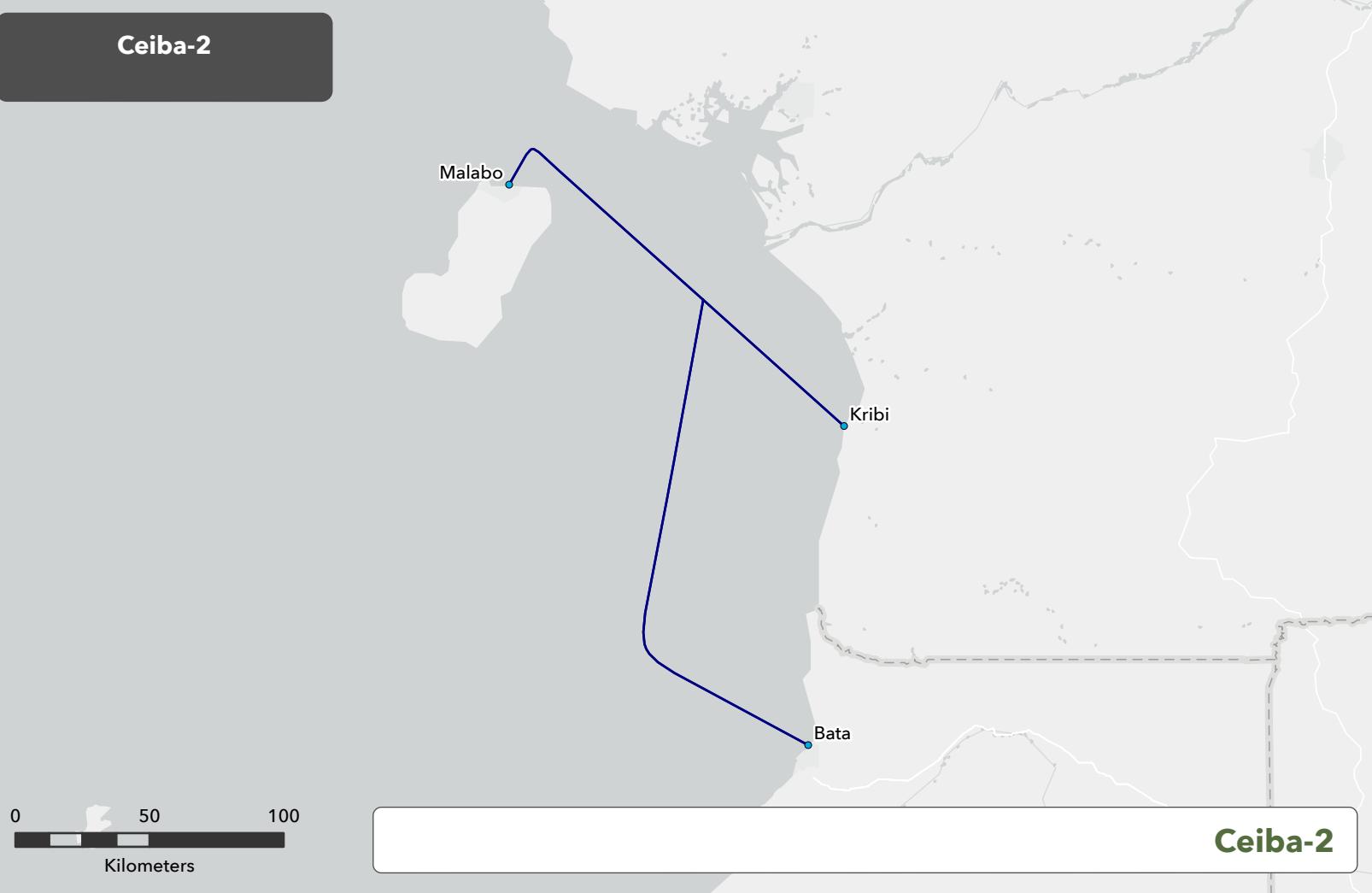


SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$32,500,000
Length (km)	1,824
Design Capacity (Tbps)	0.8
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	Nexans
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	Converge ICT, Eastern Telecommunications Philippines, Inc. (ETPI), Infinivan

LANDING POINTS

City	State/Province	Country
Baclayon	Bohol	Philippines
Bacong	Negros Oriental	Philippines
Bogo	Cebu	Philippines
Boracay	Aklan	Philippines
Buenavista	Agusan Del Norte	Philippines
Cagayan de Oro	Misamis Oriental	Philippines
Coron	Palawan	Philippines
Leganes	Iloilo	Philippines
Masbate City	Masbate	Philippines
Milagros	Masbate	Philippines
Naga	Camarines Sur	Philippines
Ormoc	Leyte	Philippines
Pasacao	Pasacao	Philippines
Roxas	Mindoro Oriental	Philippines
Roxas City	Capiz	Philippines
San Carlos	Negros Occidental	Philippines
San Juan	Lone	Philippines
San Remigio	Cebu	Philippines
Tagbilaran	Bohol	Philippines
Talisay City	Negros Occidental	Philippines
Taytay	Palawan	Philippines
Toledo	Cebu	Philippines

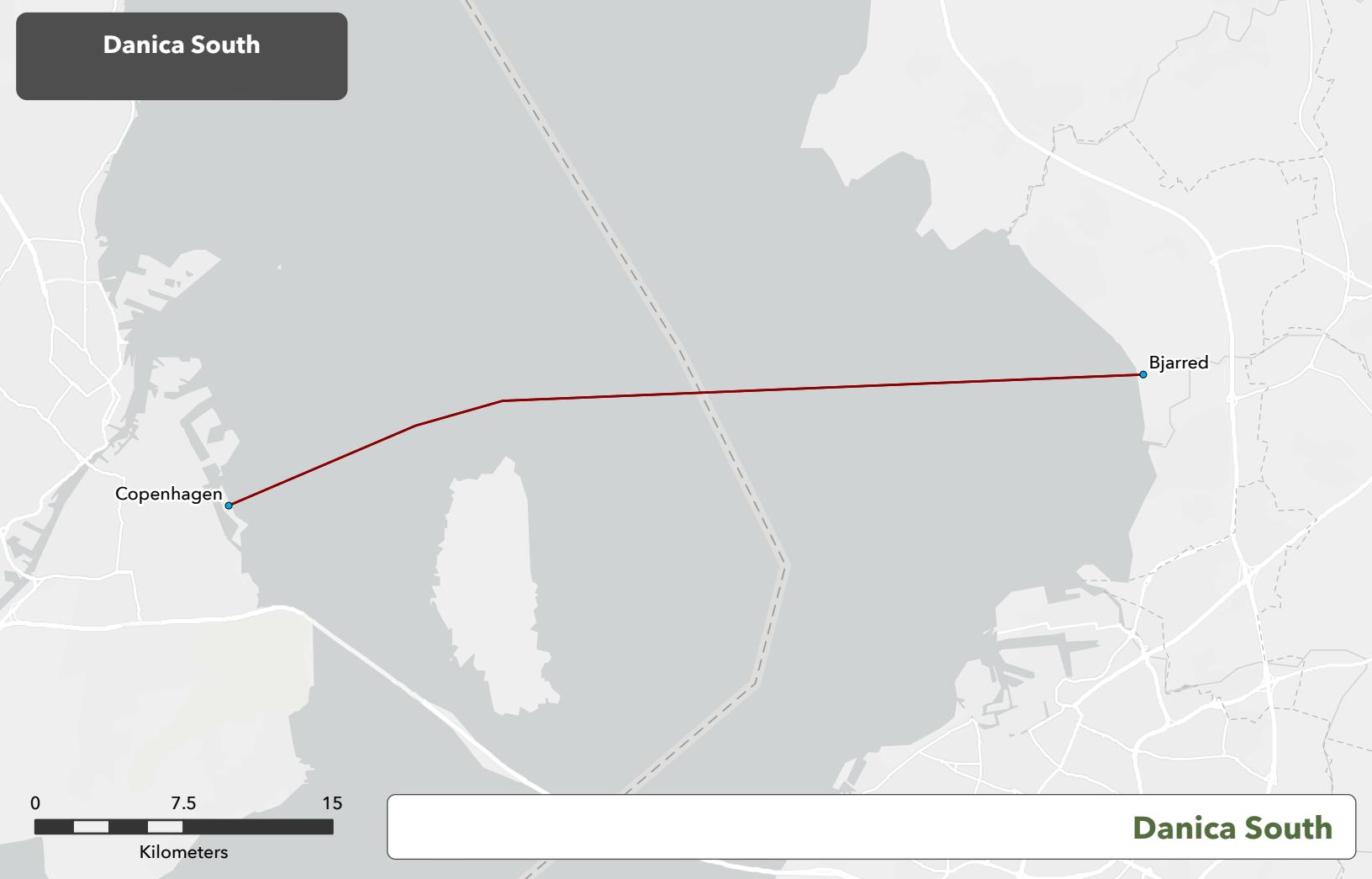


SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$15,000,000
Length (km)	290
Design Capacity (Tbps)	24
Fiber Pairs	3
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Global Marine Systems Limited
Owner(s)	Republic of Equatorial Guinea

LANDING POINTS

City	State/Province	Country
Bata	Litoral	Equatorial Guinea
Kribi	South Province	Cameroon
Malabo	Malabo	Equatorial Guinea



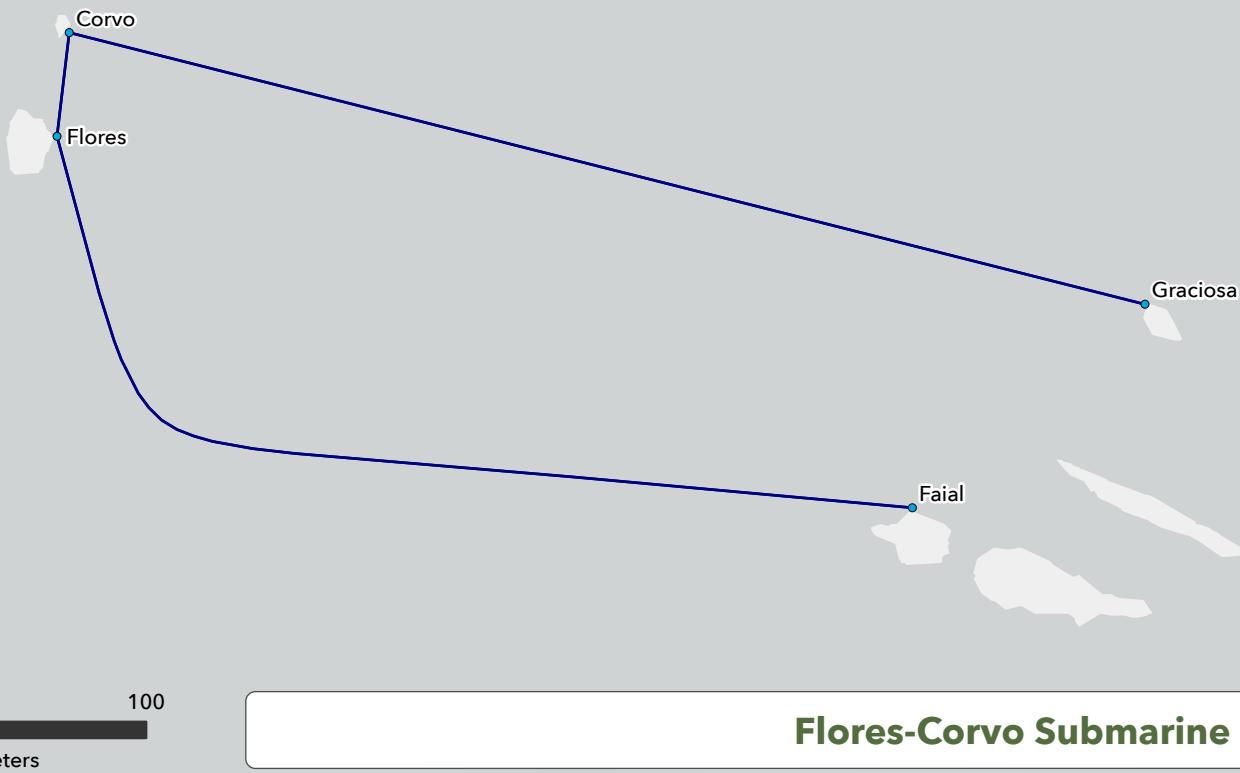
SYSTEM DETAILS

RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$500,000
Length (km)	20
Design Capacity (Tbps)	0.01
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Ericsson, Nexans

LANDING POINTS

City	State/Province	Country
Bjarred	Skåne	Sweden
Copenhagen	Sjælland	Denmark

System Installer	Not Available
Owner(s)	Arelion

**SYSTEM DETAILS**

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$20,000,000
Length (km)	633
Design Capacity (Tbps)	24
Fiber Pairs	6
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Nexans
Owner(s)	Viatel

LANDING POINTS

City	State/Province	Country
Corvo	Azores	Portugal
Faial	Azores	Portugal
Flores	Azores	Portugal
Graciosa	Azores	Portugal

Guantánamo Bay Cable



Guantánamo Bay Cable

SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$35,000,000
Length (km)	1,500
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	Nexans, Xtera
System Installer	IT International Telecom
Owner(s)	US Government

LANDING POINTS

City	State/Province	Country
Guantánamo Bay	Guantánamo	Cuba
Miami	Florida	United States

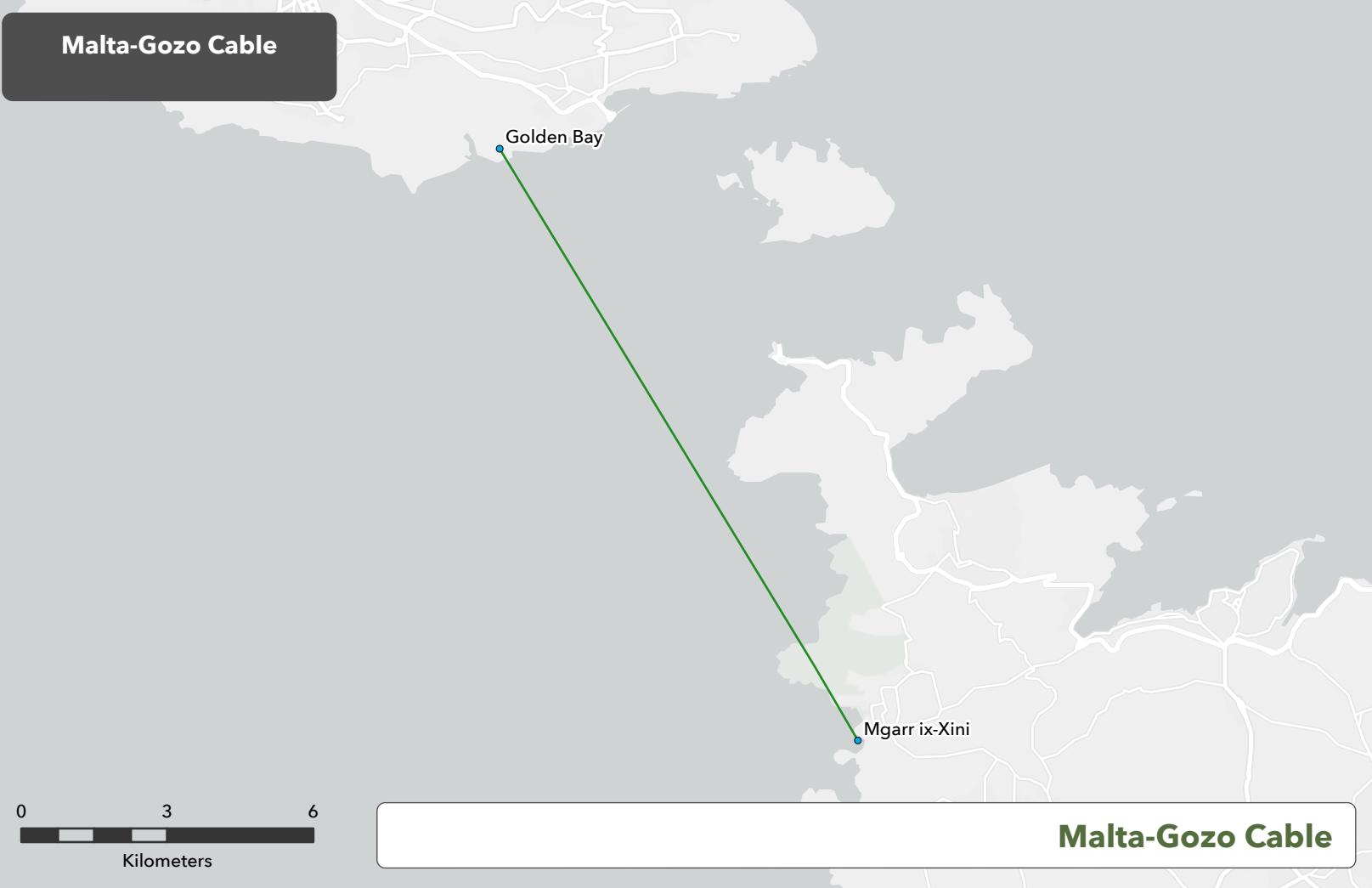
**SYSTEM DETAILS**

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$22,200,000
Length (km)	915
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Orange
Owner(s)	Triasmitra

LANDING POINTS

City	State/Province	Country
Banyu Urip	East Java	Indonesia
Cirebon	West Java	Indonesia
Kendal	Central Java	Indonesia
Tanjung Pakis	West Java	Indonesia

Malta-Gozo Cable



0 3 6
Kilometers

Malta-Gozo Cable

SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$325,000
Length (km)	21
Design Capacity (Tbps)	Not Available
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Not Available
Owner(s)	Government of Malta

LANDING POINTS

City	State/Province	Country
Golden Bay	Ir-Ramla tal-Mixquqa	Malta
Mgarr ix-Xini	Ta' Sannat	Malta



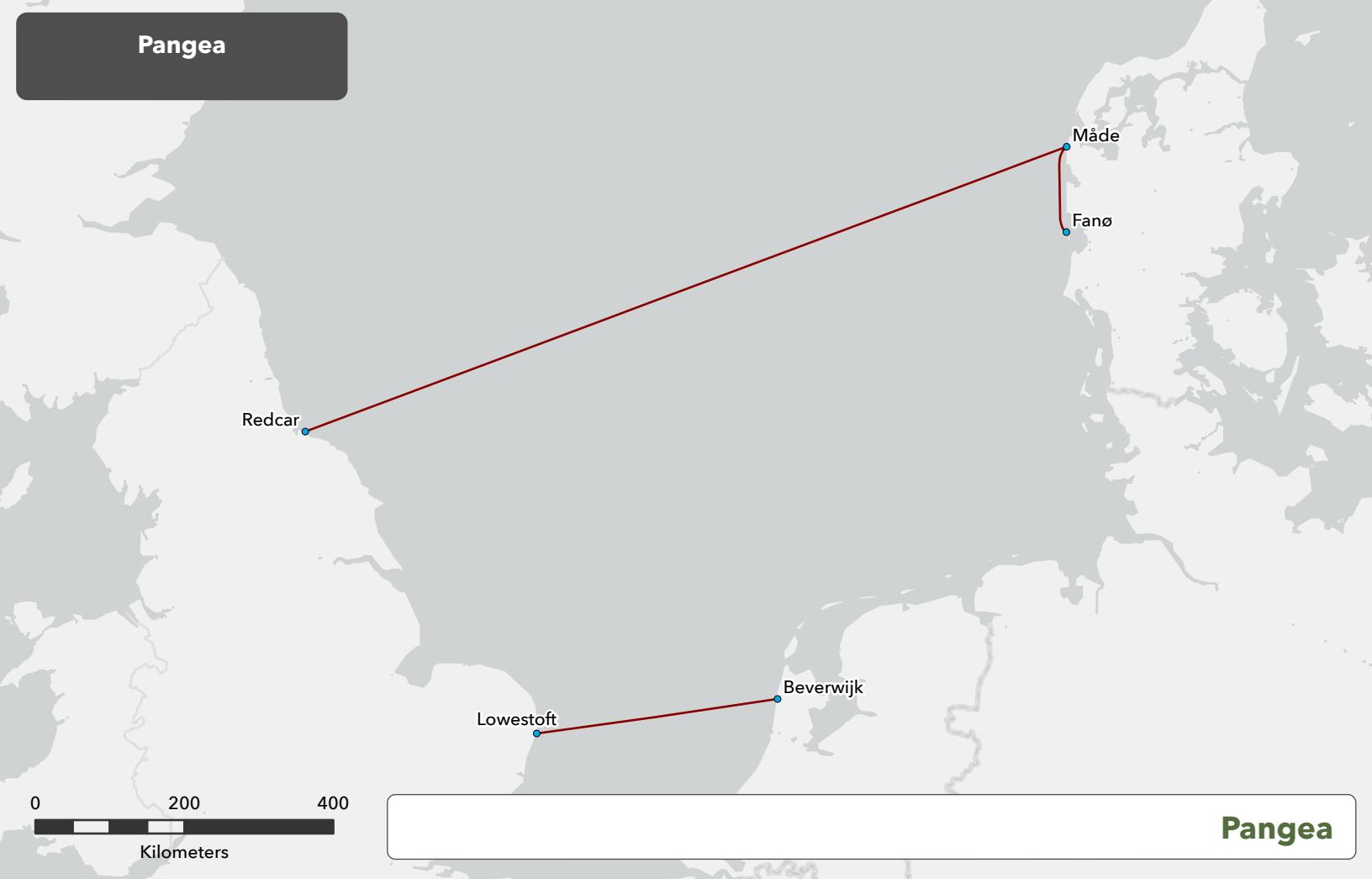
SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$94,000,000
Length (km)	1,318
Design Capacity (Tbps)	1.8
Fiber Pairs	6
Wavelengths per Fiber Pair	30
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Nexans
Owner(s)	PT Telekom

LANDING POINTS

City	State/Province	Country
Ambalawi	West Nusa Tenggara	Indonesia
Ende	East Nusa Tenggara	Indonesia
Kupang	East Nusa Tenggara	Indonesia
Mataram	West Nusa Tenggara	Indonesia
Saraemee	Maluku	Indonesia
Sumbawa Besar	West Nusa Tenggara	Indonesia
Waingapu	East Nusa Tenggara	Indonesia

Pangea



SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$20,000,000
Length (km)	511
Design Capacity (Tbps)	7
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	ASN, Nexans
Owner(s)	Pangea Ltd.

LANDING POINTS

City	State/Province	Country
Beverwijk	North Holland	Netherlands
Fanø	Syddanmark	Denmark
Lowestoft	England	United Kingdom
Måde	Syddanmark	Denmark
Redcar	England	United Kingdom



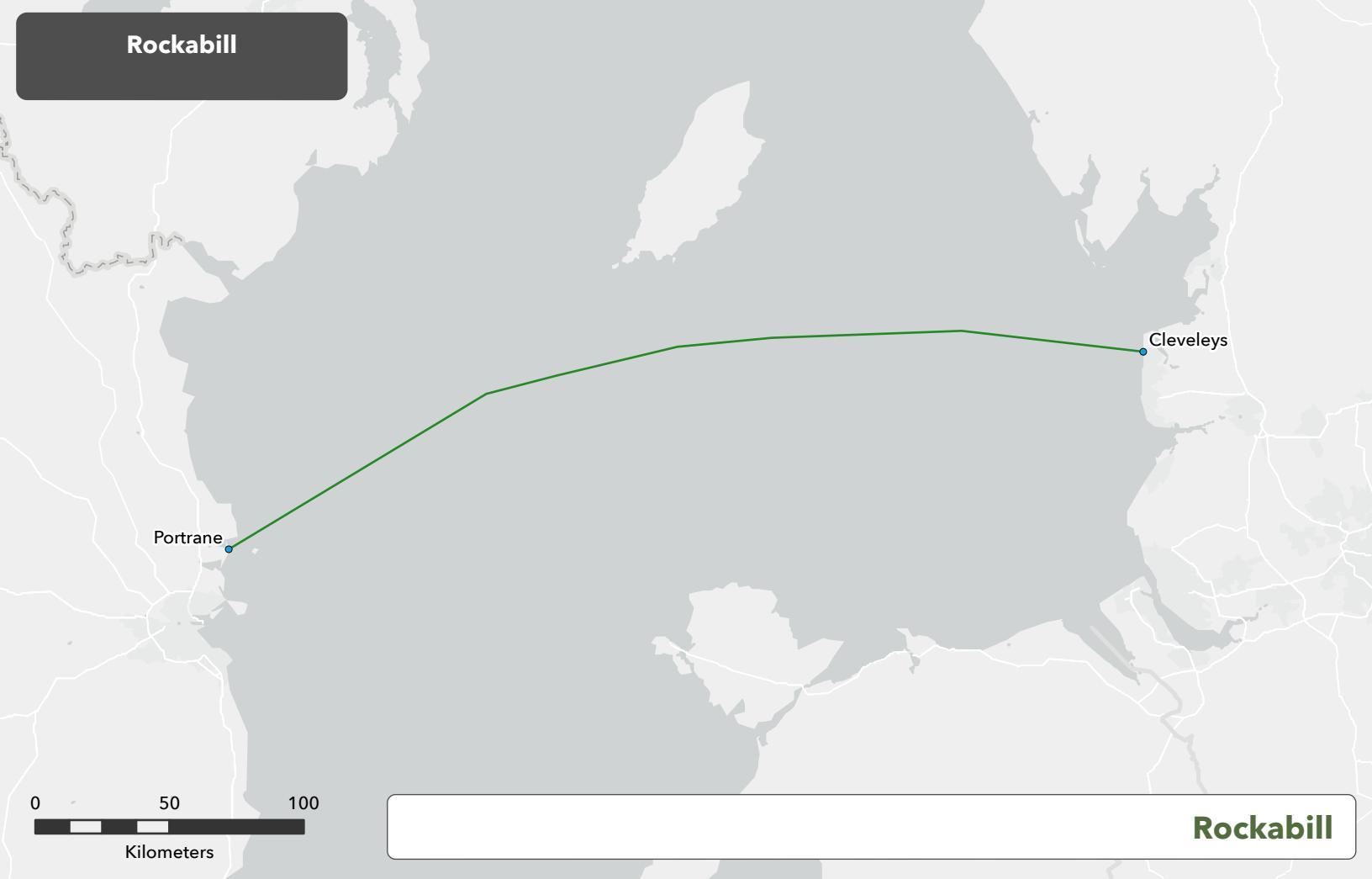
SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$15,000,000
Length (km)	2,500
Design Capacity (Tbps)	Not Available
Fiber Pairs	48
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Kokusai Cable Ship, NTT WE Marine
Owner(s)	Eastern Telecommunications Philippines, Inc. (ETPI), Globe Telecom, Infinivian

LANDING POINTS

City	State/Province	Country
Baclayon	Bohol	Philippines
Bacolod	Negros Occidental	Philippines
Boac	Marinduque	Philippines
Boracay	Aklan	Philippines
Bulan	Sorsogon	Philippines
Cagayan de Oro	Misamis Oriental	Philippines
Cagdianao	Surigao del Norte	Philippines
Calatrava	Romblon	Philippines
Calbayog	Samar	Philippines
Camiguin	Camiguin	Philippines
Caticlan	Aklan	Philippines
Dipolog	Zamboanga del Norte	Philippines
Ilijan	Batangas	Philippines
Iloilo City	Iloilo	Philippines
Kinoguitan	Misamis Oriental	Philippines
Lapu-lapu	Cebu	Philippines
Lilo	Zamboanga del Norte	Philippines
Lucena	Quezon	Philippines
Maasin City	Southern Leyte	Philippines
Palanas	Masbate	Philippines
Palompon	Leyte	Philippines
Pasacao	Pasacao	Philippines
Pinamalayan	Oriental Mindoro	Philippines
Placer	Masbate	Philippines
Roxas City	Capiz	Philippines
San Carlos	Negros Occidental	Philippines
Siargao	Surigao del Norte	Philippines
Surigao City	Surigao del Norte	Philippines
Tagbilaran	Bohol	Philippines
Talisay	Cebu	Philippines
Toledo	Cebu	Philippines
Zamboanga City	Zamboanga del Sur	Philippines
Zamboanguita	Negros Oriental	Philippines

Rockabill

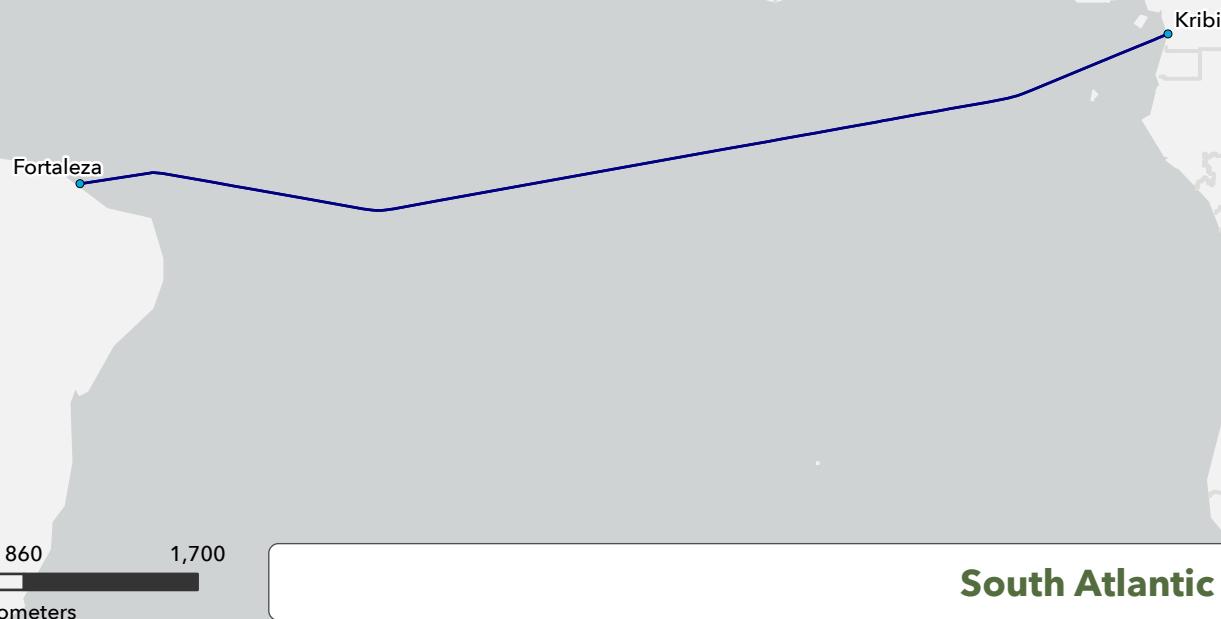


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$5,525,000
Length (km)	221
Design Capacity (Tbps)	Not Available
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Orange
Owner(s)	euNetworks

LANDING POINTS

City	State/Province	Country
Cleveleys	Lancashire	United Kingdom
Portrane	Ireland	Ireland

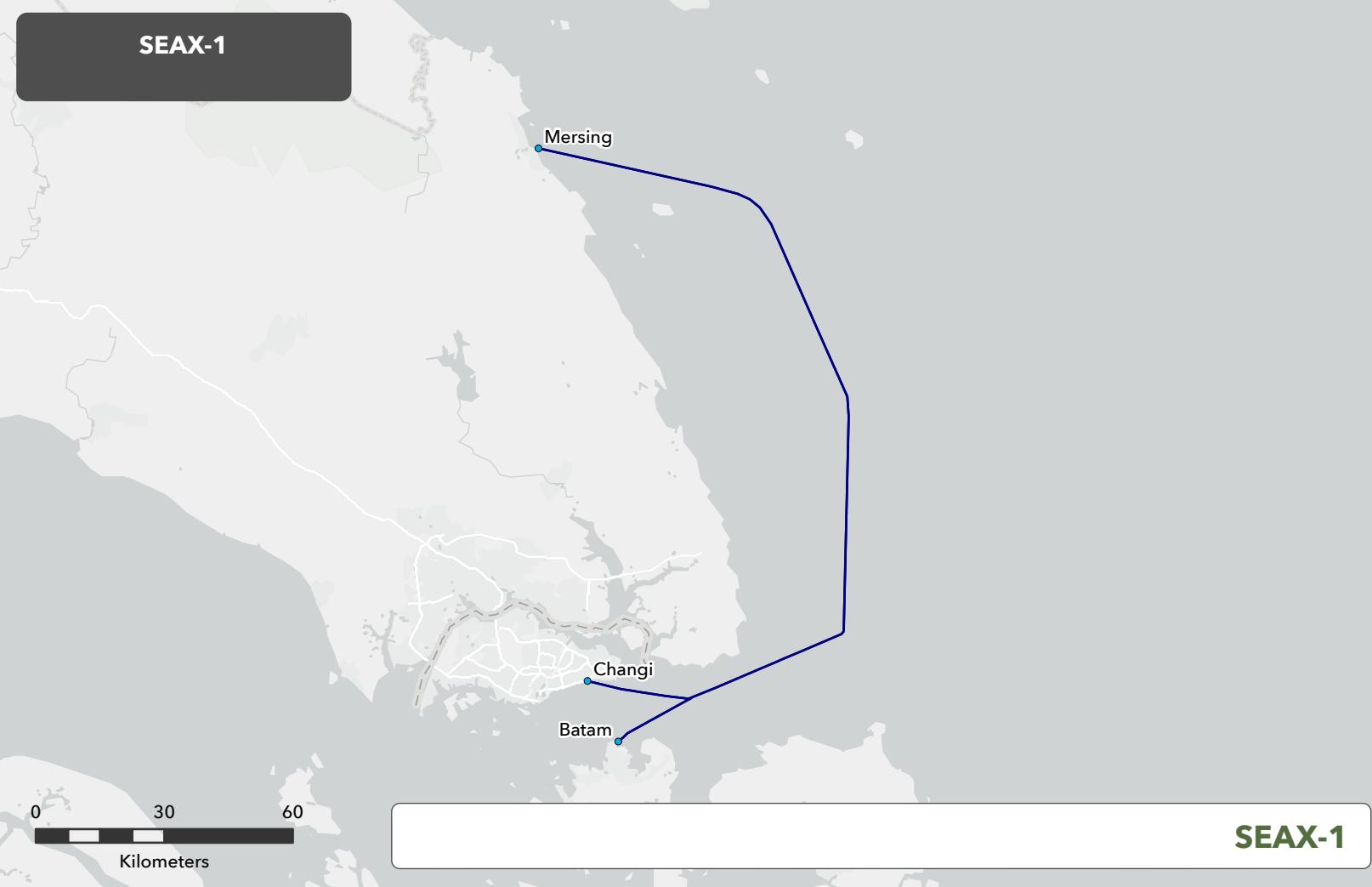


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$48,700,000
Length (km)	6,000
Design Capacity (Tbps)	32
Fiber Pairs	4
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Global Marine Systems Limited
Owner(s)	CamTel, China Unicom

LANDING POINTS

City	State/Province	Country
Fortaleza	Ceará	Brazil
Kribi	South Province	Cameroon

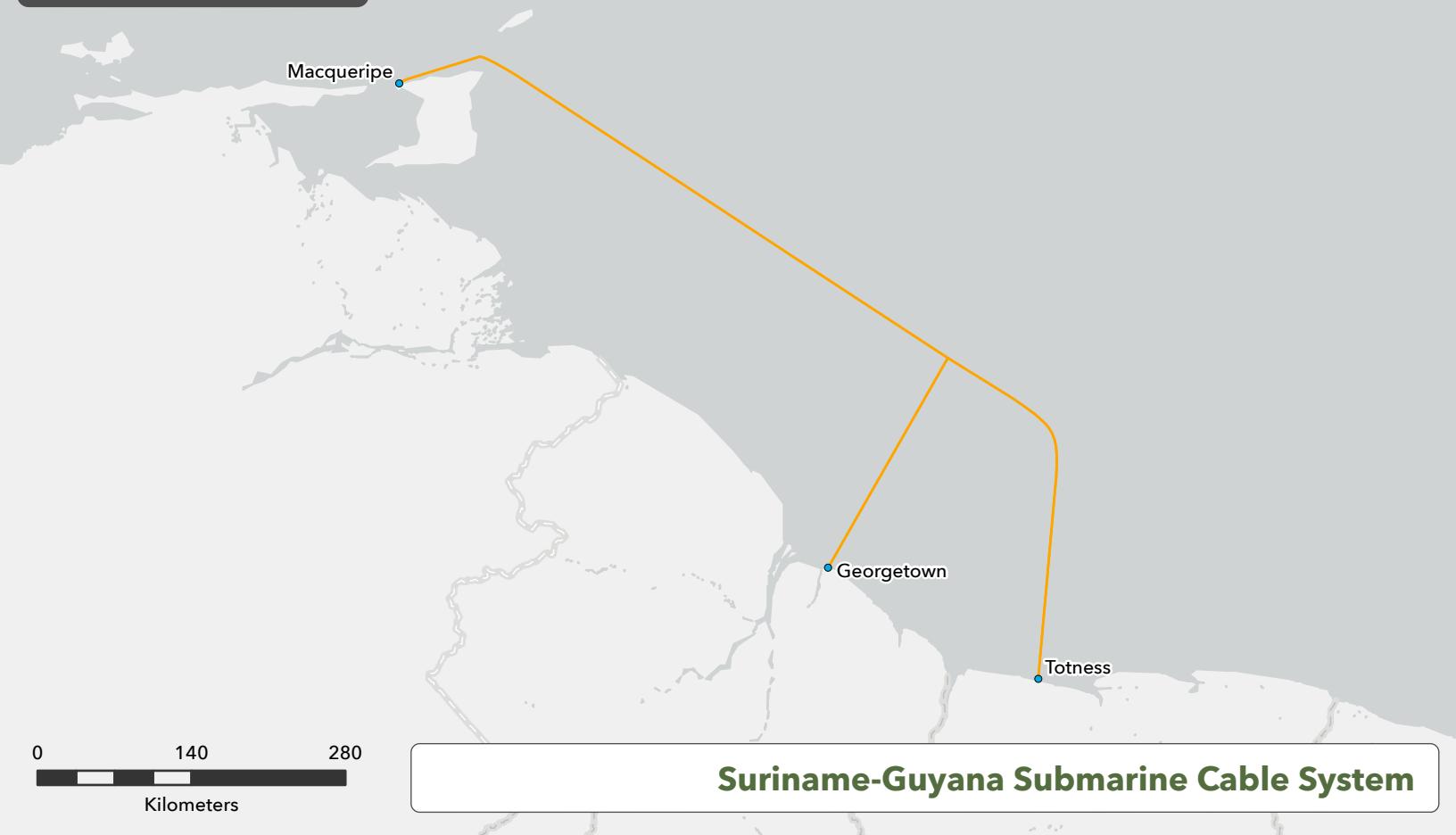


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$45,000,000
Length (km)	250
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	Super SEA Cable Networks Pte. Ltd.

LANDING POINTS

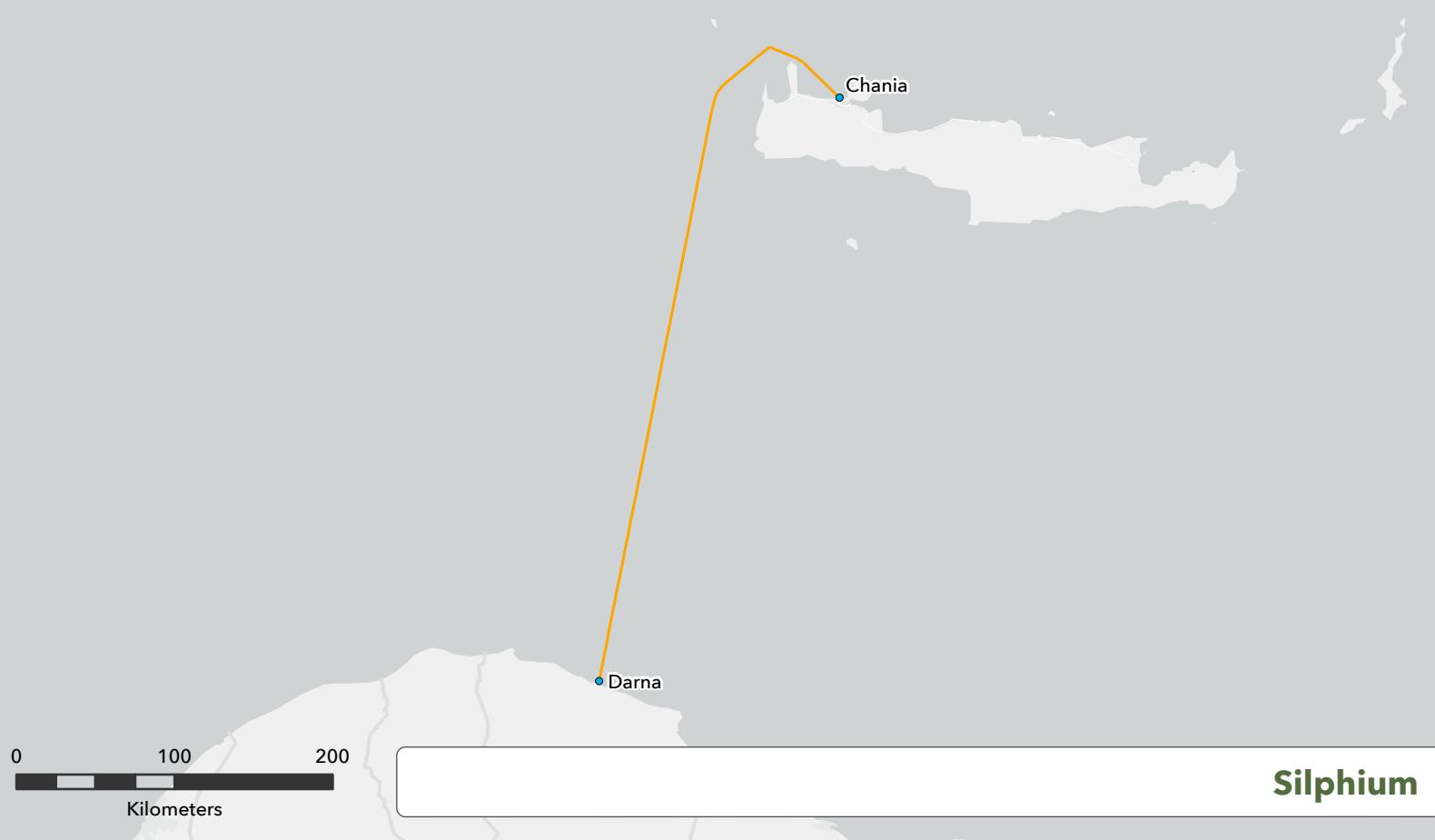
City	State/Province	Country
Batam	Riau Islands	Indonesia
Changi	East Region	Singapore
Mersing	Johor	Malaysia

**SYSTEM DETAILS**

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$54,000,000
Length (km)	1,249
Design Capacity (Tbps)	1.28
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	Global Marine Systems Limited
Owner(s)	Guyana Telephone and Telegraph Co. Ltd., Telesur

LANDING POINTS

City	State/Province	Country
Georgetown	Demerara-Mahaica	Guyana
Macqueripe	Diego Martin	Trinidad and Tobago
Totness	Coronie District	Suriname

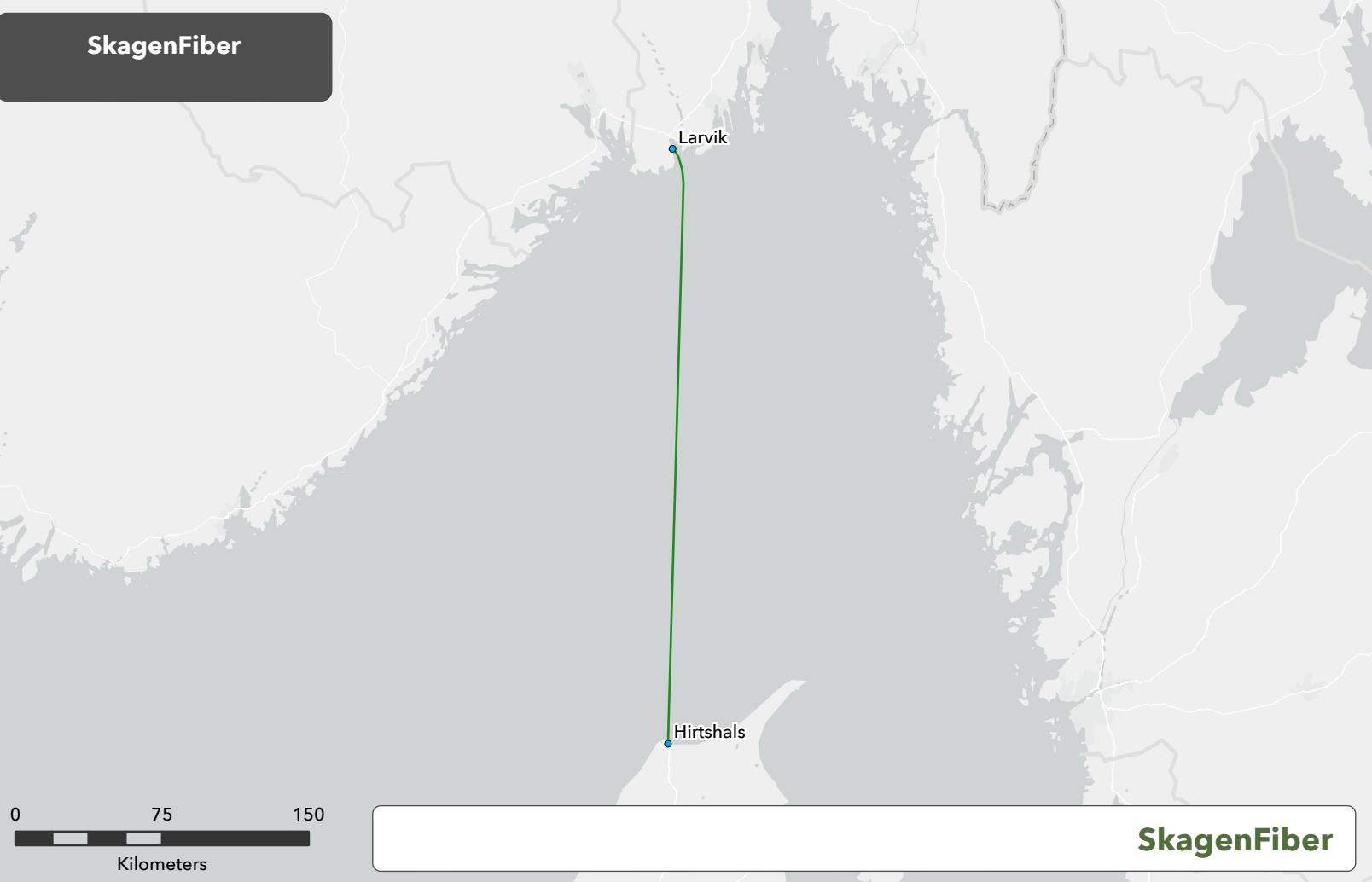


SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$20,000,000
Length (km)	426
Design Capacity (Tbps)	1.2
Fiber Pairs	3
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	10
System Supplier	HMN Technologies Co., Ltd. (Hengtong), Nexans
System Installer	HMN Technologies Co., Ltd. (Hengtong)
Owner(s)	LITC Libyan International Telecom Company

LANDING POINTS

City	State/Province	Country
Chania	Crete	Greece
Darna	Derna	Libya



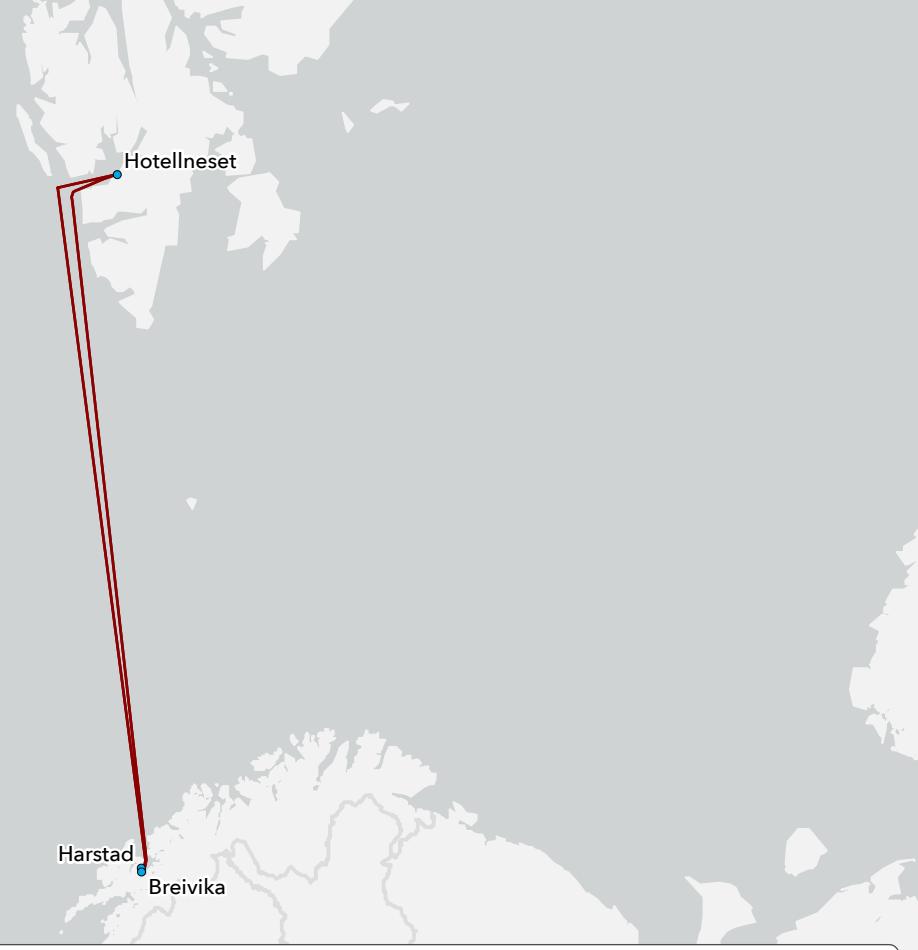
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$10,000,000
Length (km)	173
Design Capacity (Tbps)	1920
Fiber Pairs	48
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans
System Installer	Ceccon Contracting
Owner(s)	Altibox, Lyse

LANDING POINTS

City	State/Province	Country
Hirtshals	Nordjylland	Denmark
Larvik	Vestfold og Telemark	Norway

Svalbard



0 950 1,900
Kilometers

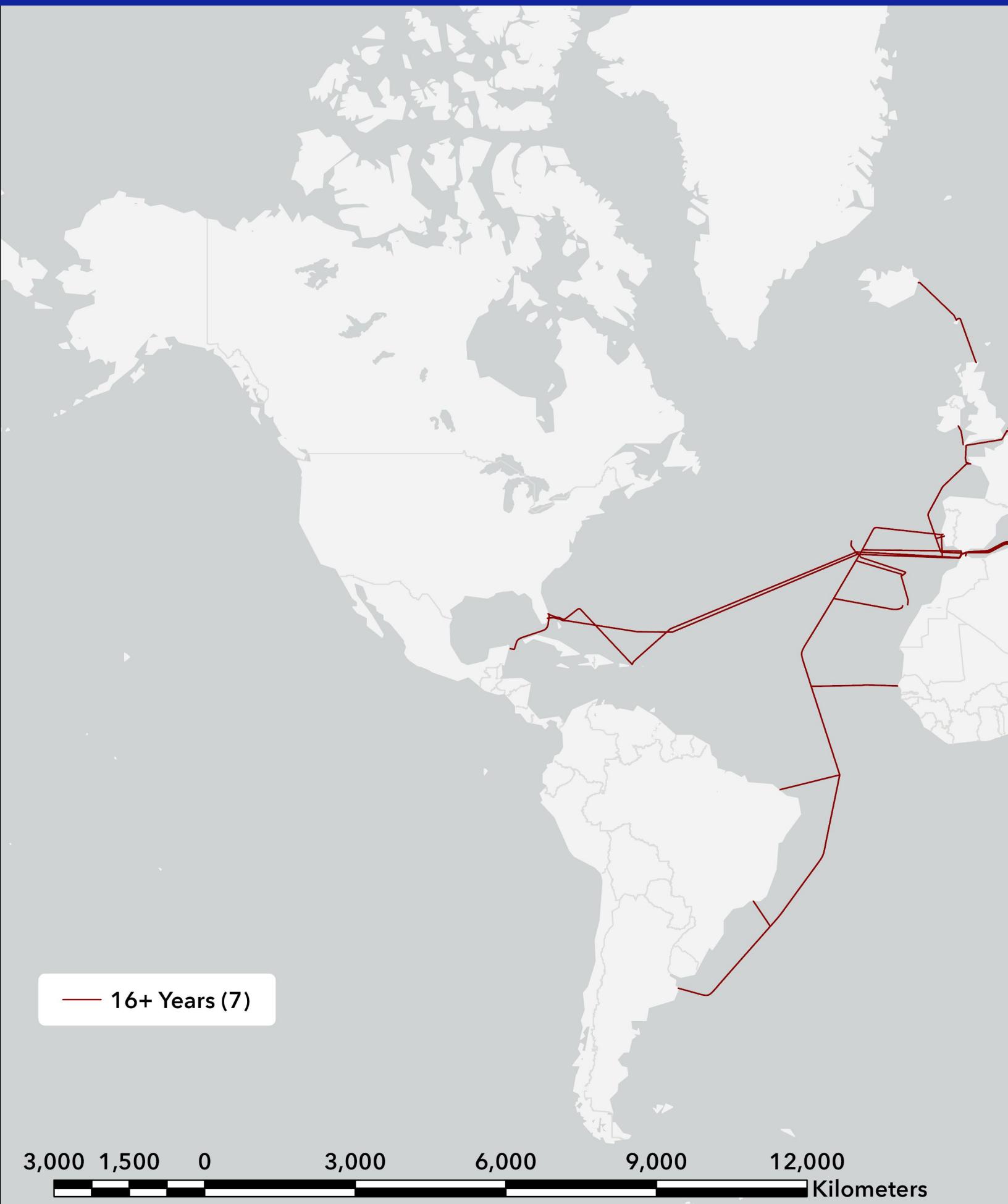
Svalbard

SYSTEM DETAILS

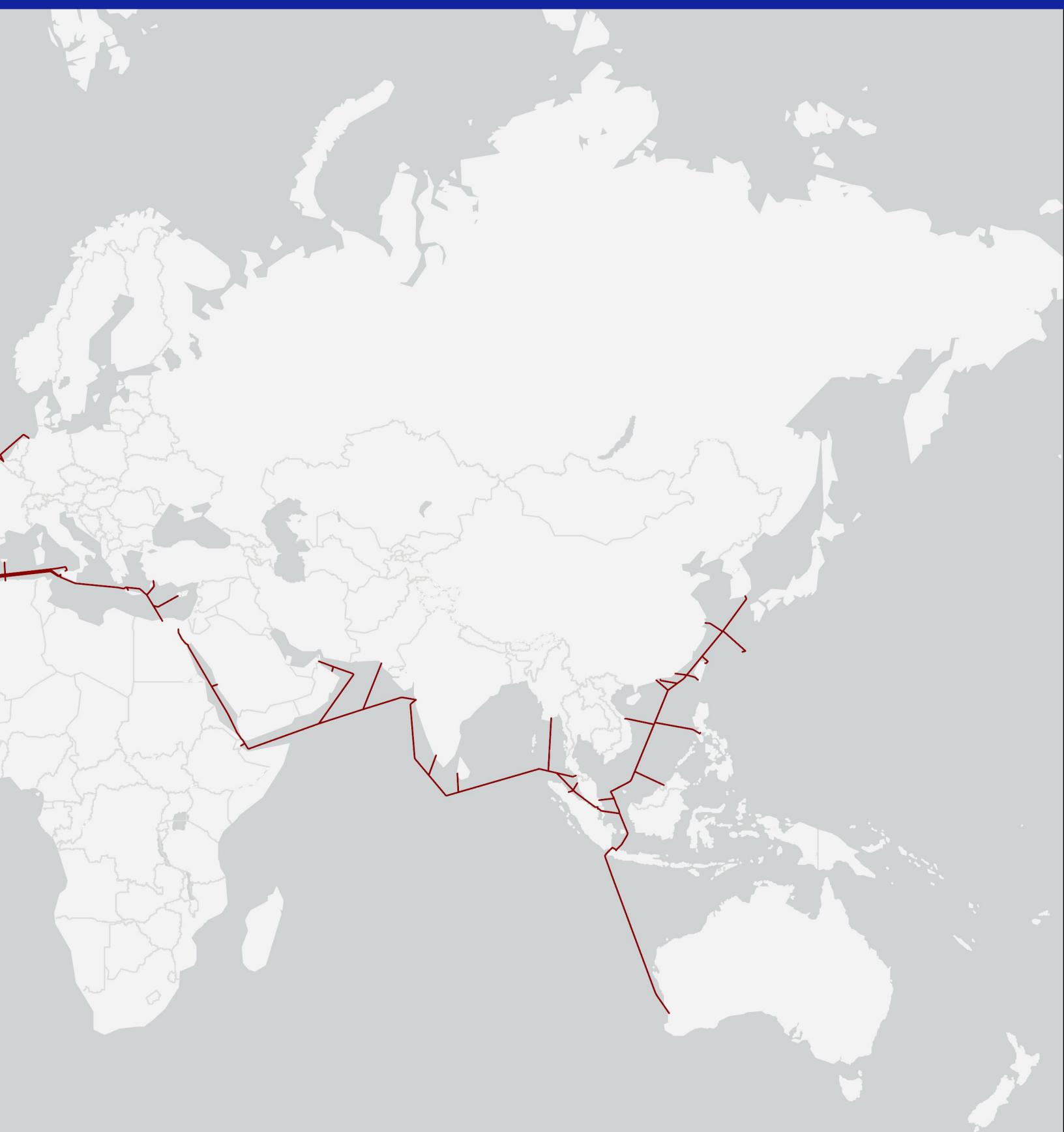
RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$80,000,000
Length (km)	2,800
Design Capacity (Tbps)	4.8
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans, SubCom
System Installer	Global Marine Systems Limited, Nexans, SubCom
Owner(s)	Telenor

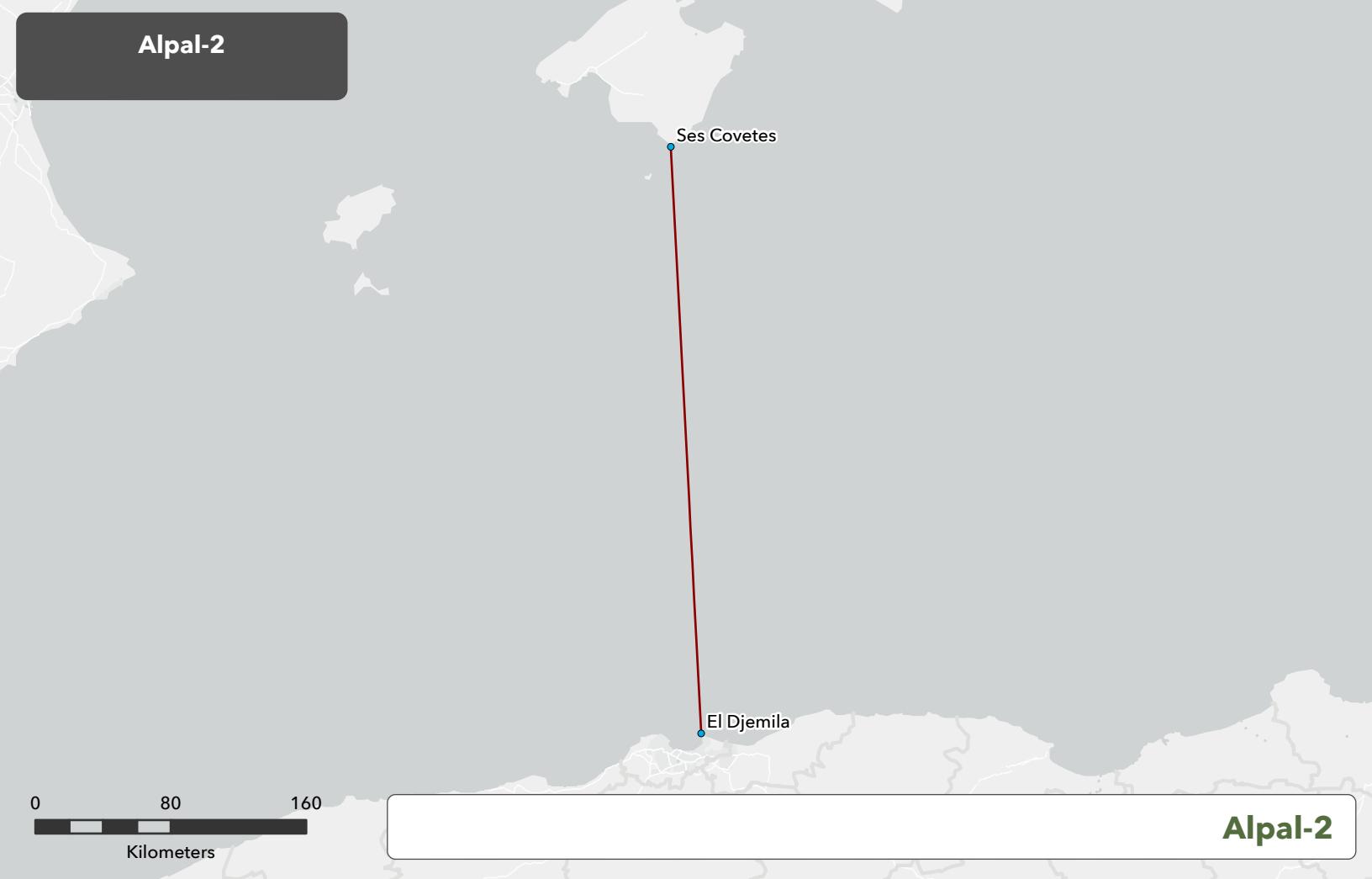
LANDING POINTS

City	State/Province	Country
Breivika	Troms og Finnmark	Norway
Harstad	Troms og Finnmark	Norway
Hotellneset	Svalbard	Norway



tems - Pirelli



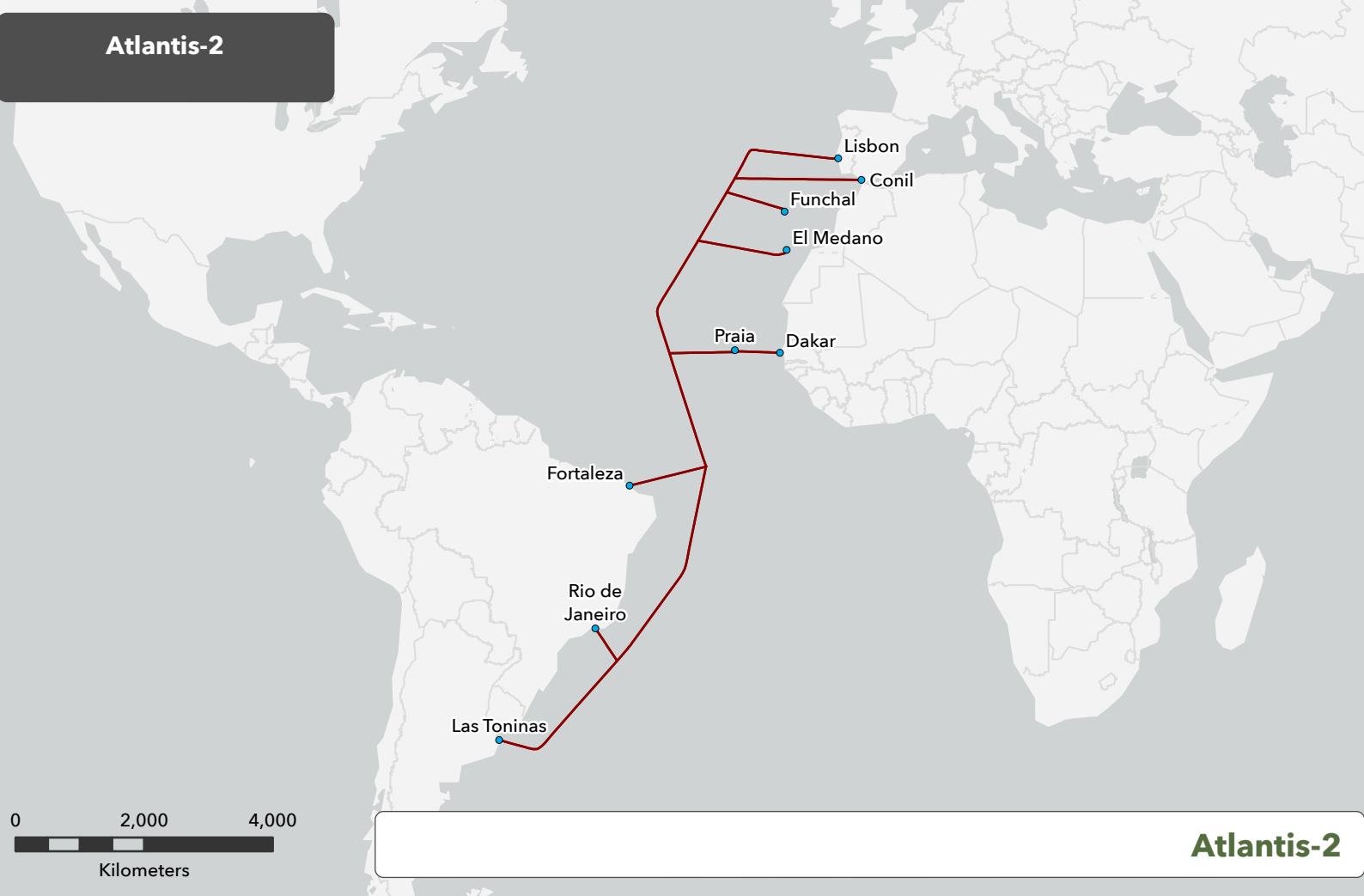


SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$17,600,000
Length (km)	304
Design Capacity (Tbps)	0.16
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Pirelli
System Installer	Global Marine Systems Limited
Owner(s)	FT, Telxius

LANDING POINTS

City	State/Province	Country
El Djemila	Arab States	Algeria
Ses Covetes	Balaeric Islands	Spain



SYSTEM DETAILS

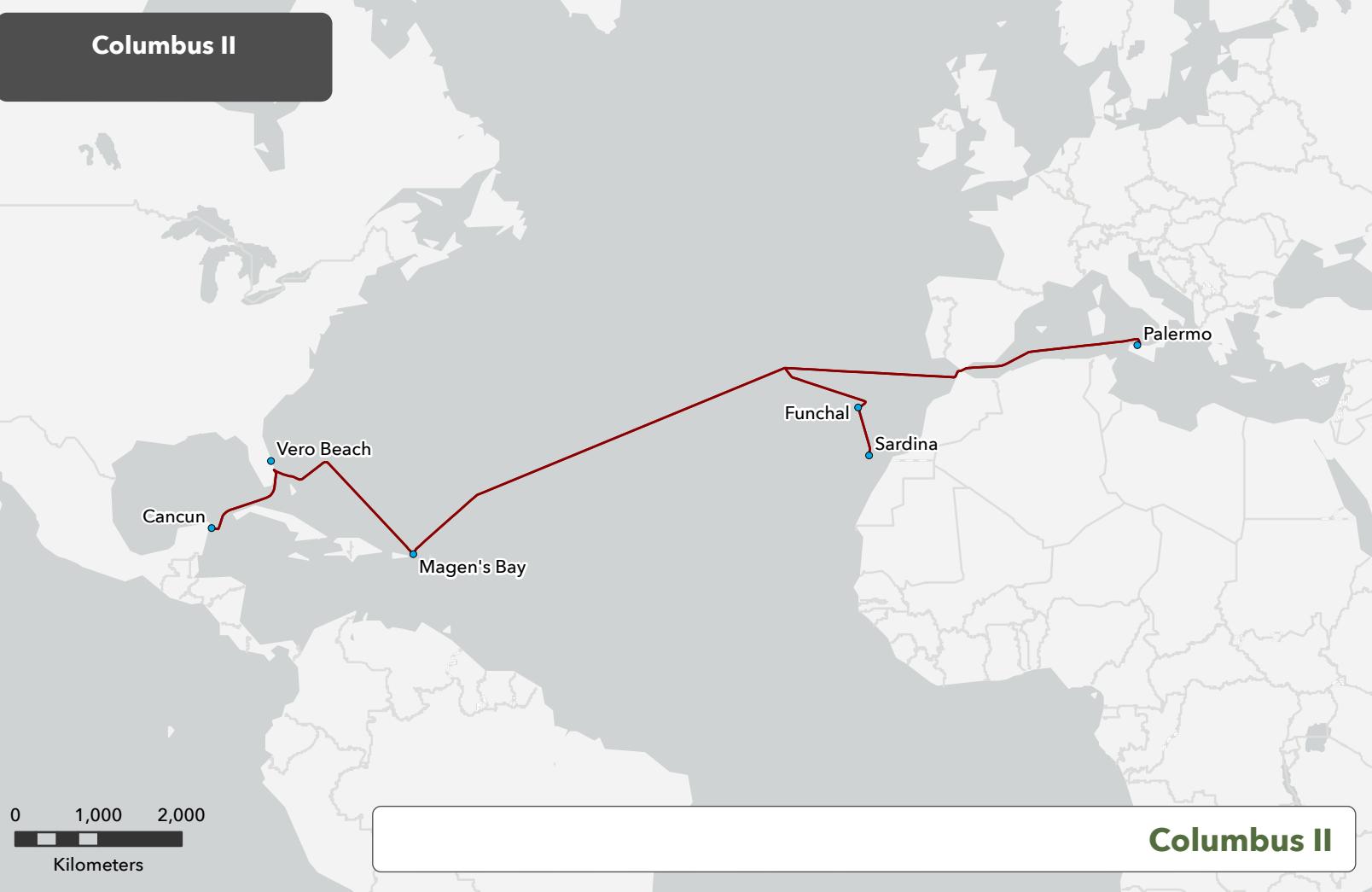
RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$37,000,000
Length (km)	13,100
Design Capacity (Tbps)	0.16
Fiber Pairs	2
Wavelengths per Fiber Pair	8
Capacity per Wavelength (Gbps)	40
System Supplier	Fujitsu, Pirelli

LANDING POINTS

City	State/Province	Country
Conil	Cádiz	Spain
Dakar	Dakar	Senegal
El Medano	Canary Islands	Spain
Fortaleza	Ceará	Brazil
Funchal	Madeira	Portugal
Las Toninas	Buenos Aires Province	Argentina
Lisbon	Lisbon	Portugal
Praia	Praia	Cape Verde
Rio de Janeiro	Rio de Janeiro	Brazil

System Installer	ASN, FCR
Owner(s)	Cabo Verde Telecom (CVT), Embratel, FT, Marconi, Telecom Argentina, Telecom Italia, Telefonica de Argentina, Telintar, Telxius, Verizon

Columbus II



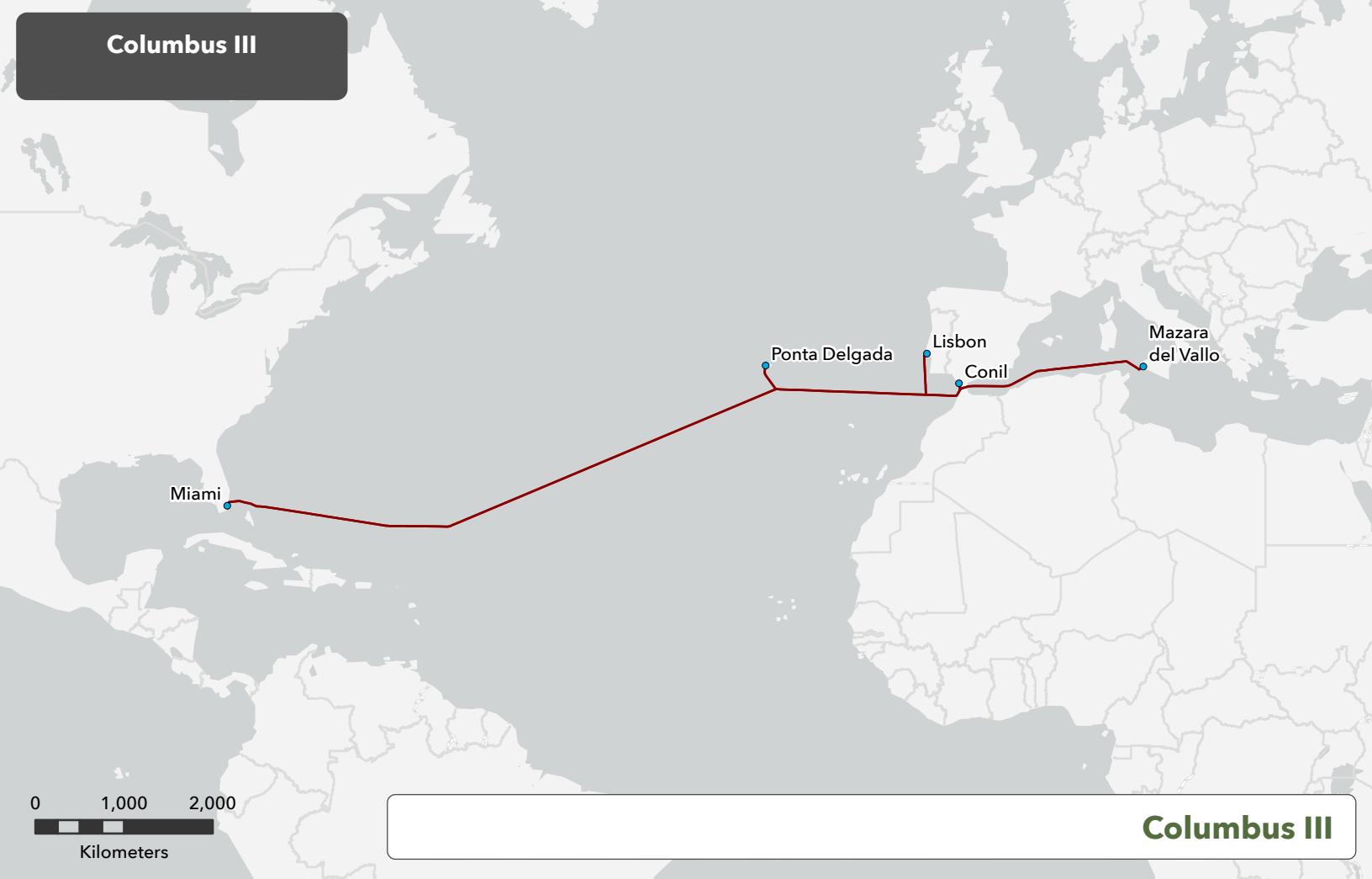
SYSTEM DETAILS

RFS Year	1994
EOS Year	2045
Est. System Cost (USD)	\$60,000,000
Length (km)	2,013
Design Capacity (Tbps)	2
Fiber Pairs	2
Wavelengths per Fiber Pair	6
Capacity per Wavelength (Gbps)	100
System Supplier	Pirelli, SubCom
System Installer	ASN, Orange
Owner(s)	AT&T Inc., Columbus II Consortium

LANDING POINTS

City	State/Province	Country
Cancun	Quintana Roo	Mexico
Funchal	Madeira	Portugal
Magen's Bay		British Virgin Islands
Palermo	Sicily	Italy
Sardina	Canary Islands	Spain
Vero Beach	Florida	United States

Columbus III



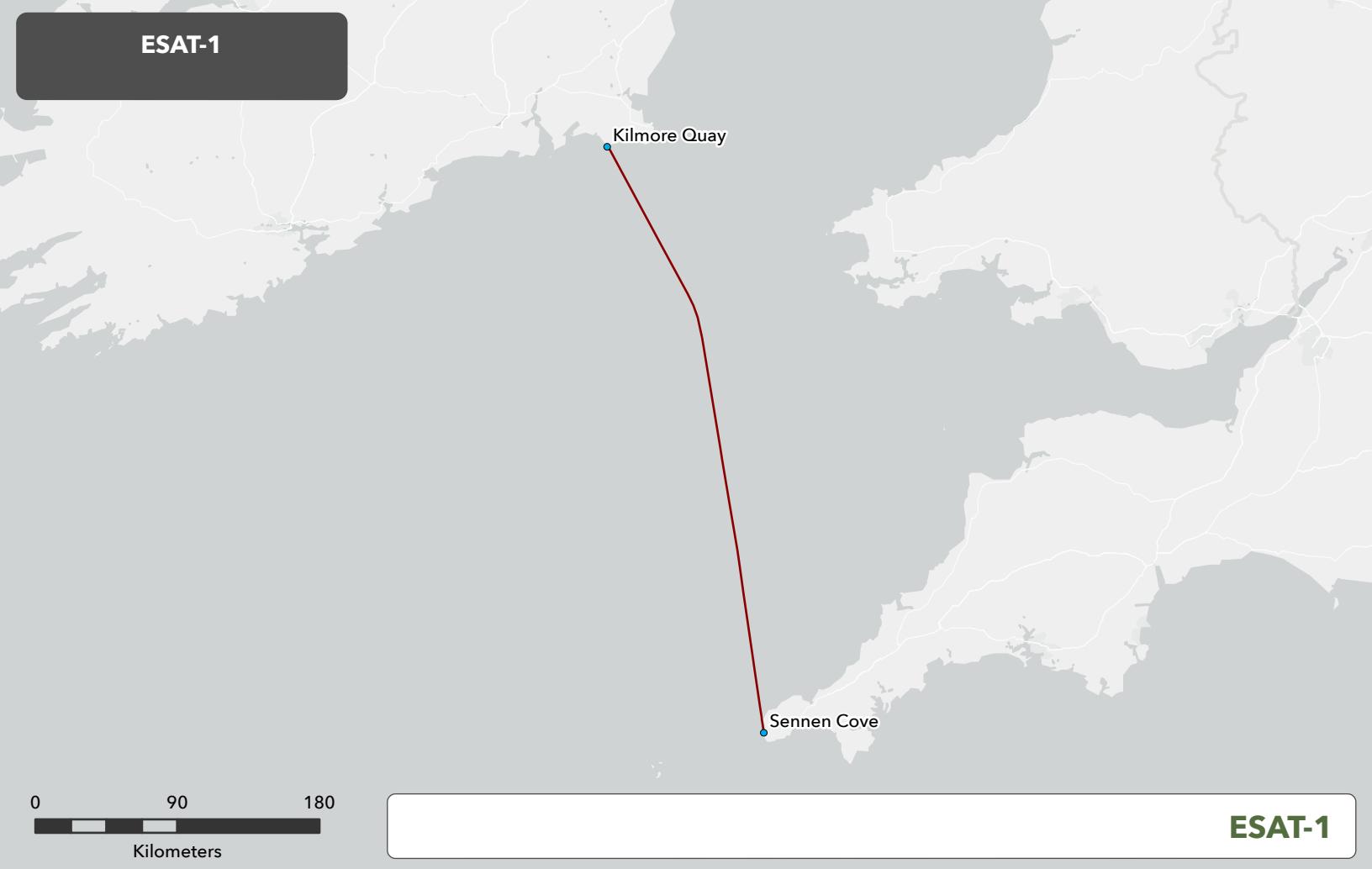
Columbus III

SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$23,600,000
Length (km)	9,833
Design Capacity (Tbps)	0.32
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Pirelli, SubCom
System Installer	ASN, Orange, SubCom
Owner(s)	Columbus III Consortium, Telxius

LANDING POINTS

City	State/Province	Country
Conil	Cádiz	Spain
Lisbon	Lisbon	Portugal
Mazara del Vallo	Sicily	Italy
Miami	Florida	United States
Ponta Delgada	Azores	Portugal



0 90 180
Kilometers

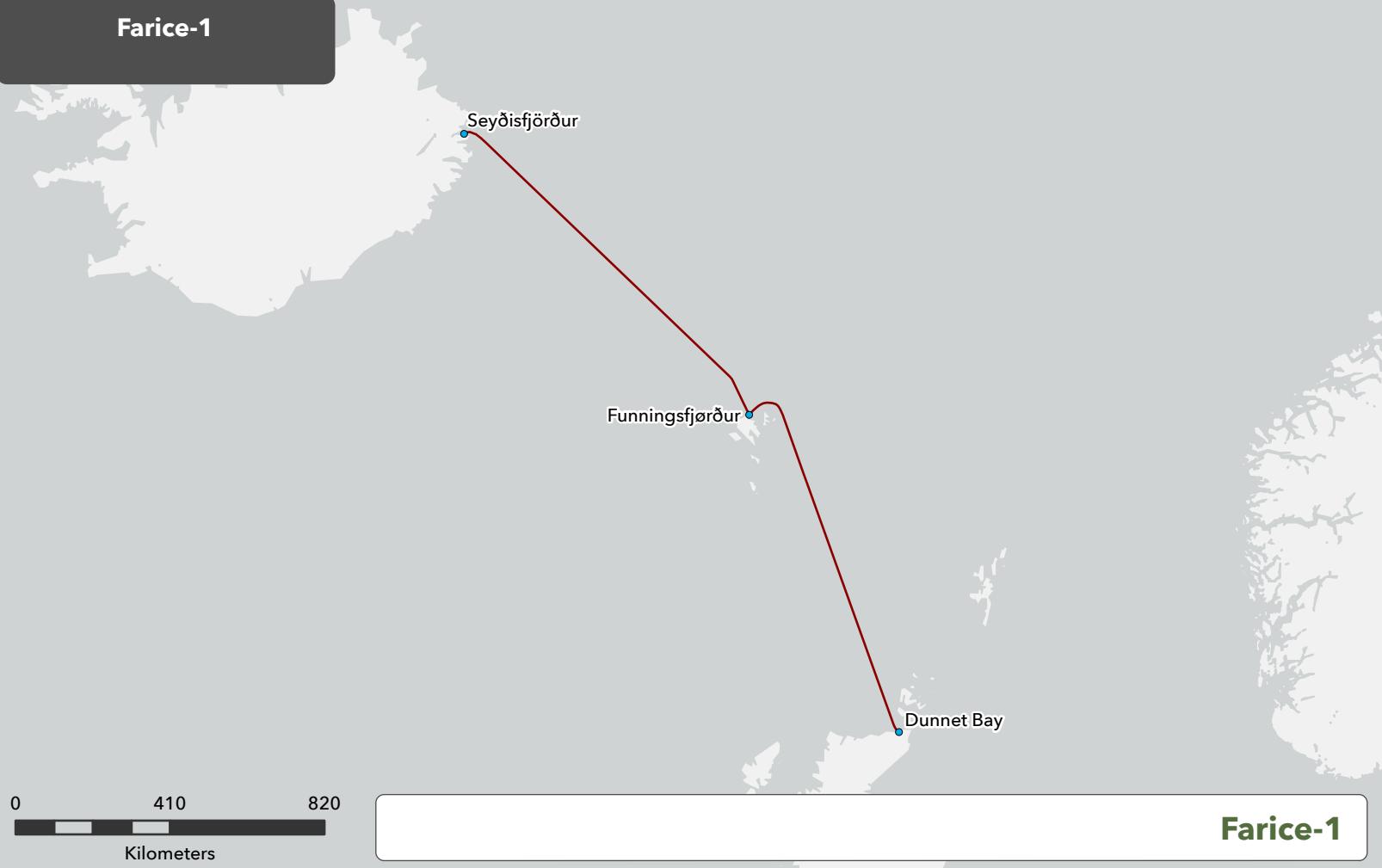
ESAT-1

SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$15,000,000
Length (km)	257
Design Capacity (Tbps)	0.0025
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Pirelli
System Installer	ESAT, Pirelli
Owner(s)	BT, ESAT

LANDING POINTS

City	State/Province	Country
Kilmore Quay	Ireland	Ireland
Sennen Cove	England	United Kingdom

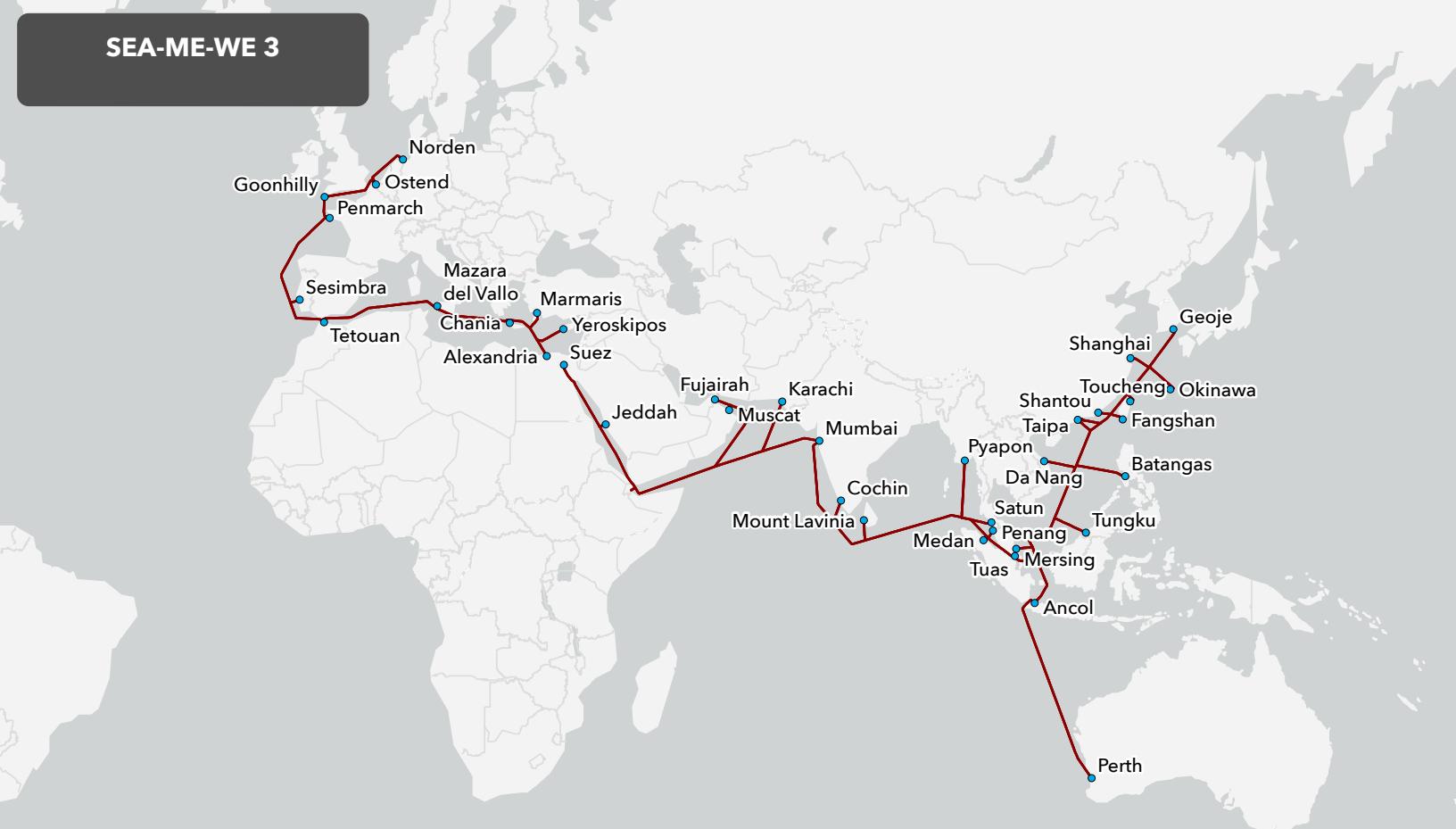


SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$25,000,000
Length (km)	1,395
Design Capacity (Tbps)	0.02
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Pirelli
System Installer	Not Available
Owner(s)	Farice ehf, Iceland Telecom Ltd.

LANDING POINTS

City	State/Province	Country
Dunnet Bay	Scotland	United Kingdom
Funningsfjörður		Faroe Islands
Seyðisfjörður	Eastern Region	Iceland



0 2,500 5,000
Kilometers

South East Asia-Middle East-Western Europe 3

SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$15,000,000
Length (km)	32,767
Design Capacity (Tbps)	4.6
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, KDD-SCS, Pirelli, SubCom

System Installer	ASN, SubCom
Owner(s)	Cyprus Telecommunications Authority, Djibouti Telecom, SEA-ME-WE 3 Consortium, Singtel, TATA Communications, Telekom Malaysia Berhad, Telstra

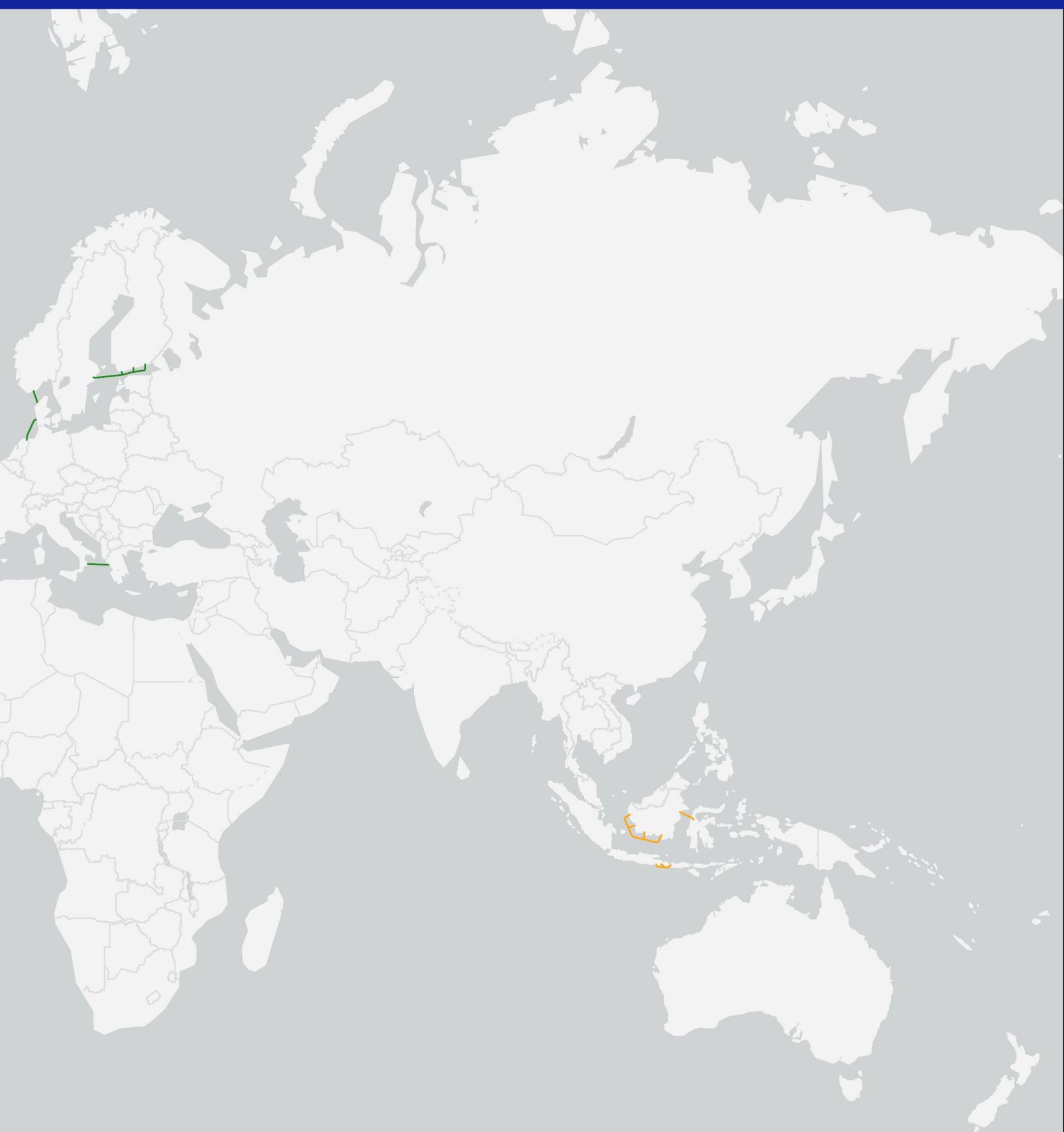
LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Ancol	Jakarta	Indonesia
Batangas	Calabarzon	Philippines
Chania	Crete	Greece
Cochin	Kerala	India
Da Nang	South Central Coast	Vietnam
Fangshan	Pingtung	Taiwan
Fujairah	Fujairah	United Arab Emirates
Gejoe	South Gyeongsang	South Korea
Goonhilly	England	United Kingdom
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Marmaris	Muğla	Turkey
Mazara del Vallo	Sicily	Italy
Medan	North Sumatra	Indonesia
Mersing	Johor	Malaysia
Mount Lavinia	Western Province	Sri Lanka
Mumbai	Maharashtra	India
Muscat	Muscat	Oman
Norden	Lower Saxony	Germany
Okinawa	Okinawa	Japan
Ostend	West Flanders	Belgium
Penang	Penang	Malaysia
Penmarch	Brittany	France
Perth	Western Australia	Australia
Pyapon	Pyapon	Myanmar
Satun	Satun	Thailand
Sesimbra	Lisbon	Portugal
Shanghai	Shanghai	China
Shantou	Guangdong Province	China
Suez	Suez Governorate	Egypt
Taipa	Guangdong Province	China
Tetouan	Tanger-Tetouan-Al Hoceima	Morocco
Toucheng	Yilan	Taiwan
Tuas	West Region	Singapore
Tungku	Brunei-Muara	Brunei
Yeroskipos	Paphos	Cyprus

In Service System



ems - Prysmian





SYSTEM DETAILS

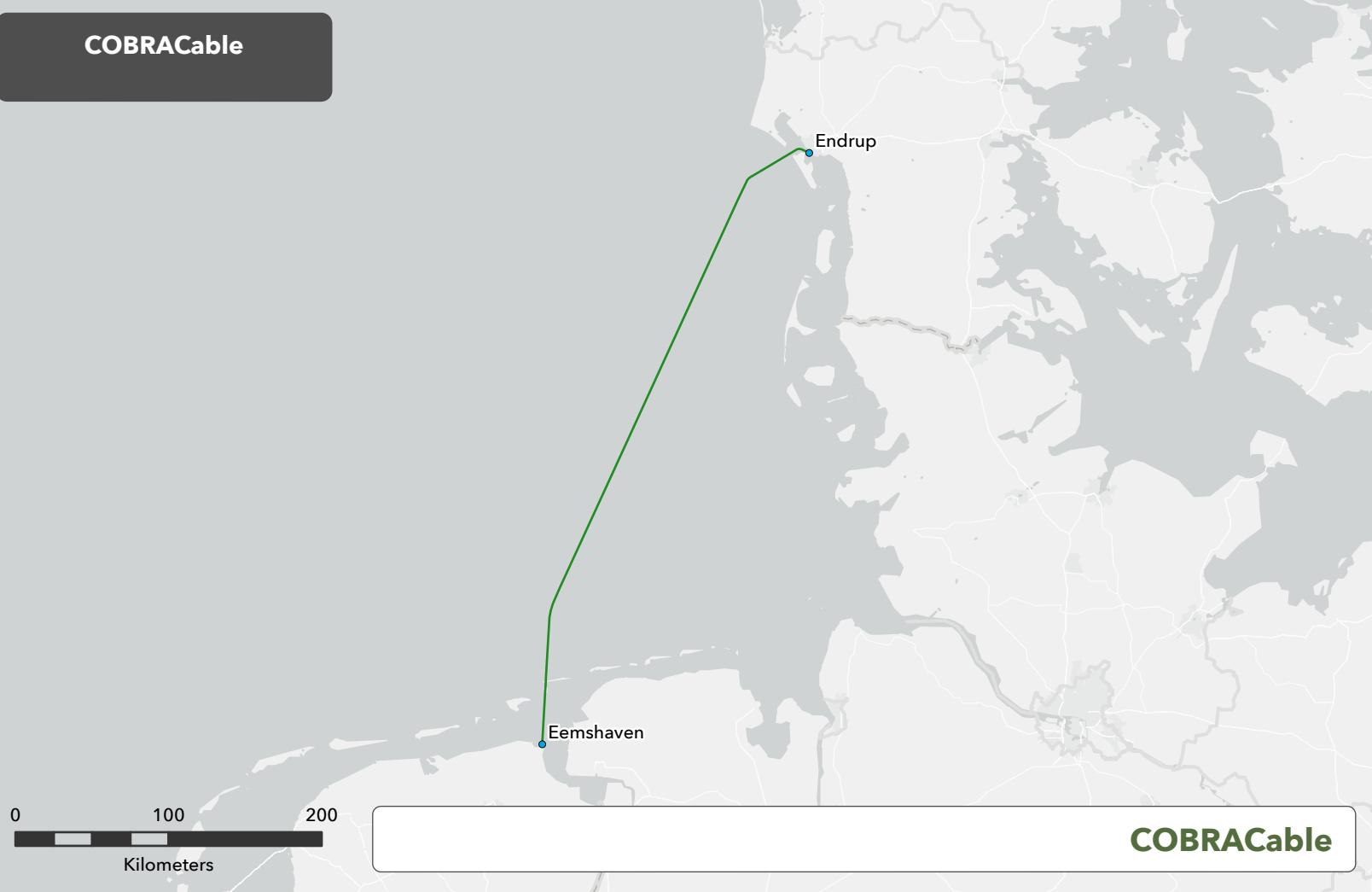
RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$25,000,000
Length (km)	8,700
Design Capacity (Tbps)	8.4
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW

System Installer	Not Available
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Owner(s)	Alestra, Axtel, BTC, BTL, C&W, CANTV, Codetel, Enitel, Hondutel, ICE, Impsat, Internexa, Orbinet SA, Racsa, Telecarrier, Tricom, Ultracom, UTS, Verizon
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LANDING POINTS

City	State/Province	Country
Bluefields	South Caribbean Coast	Nicaragua
Cancun	Quintana Roo	Mexico
Cartagena	Bolívar	Colombia
Cat Island	Cat Island	Bahamas
Crooked Island	Crooked Island	Bahamas
Hollywood	Florida	United States
Ladyville	Belize	Belize
Maria Chiquita	Colón	Panama
Nassau	New Providence	Bahamas
Providenciales		Turks and Caicos Islands
Puerto Barrios	Izabal	Guatemala
Puerto Cabezas	North Caribbean Coast	Nicaragua
Puerto Cortés	Cortés	Honduras
Puerto Lempira	Gracias a Dios	Honduras
Puerto Limón	Limón Province	Costa Rica
Puerto Plata	Puerto Plata	Dominican Republic
Punta Cana	La Altagracia	Dominican Republic
Punto Fijo	Falcón	Venezuela
Riohacha	La Guajira	Colombia
San Juan		Puerto Rico
Trujillo	Colón	Honduras
Tulum	Quintana Roo	Mexico
Ustupo	Guna Yala Comarca	Panama
Willemstad		Curaçao

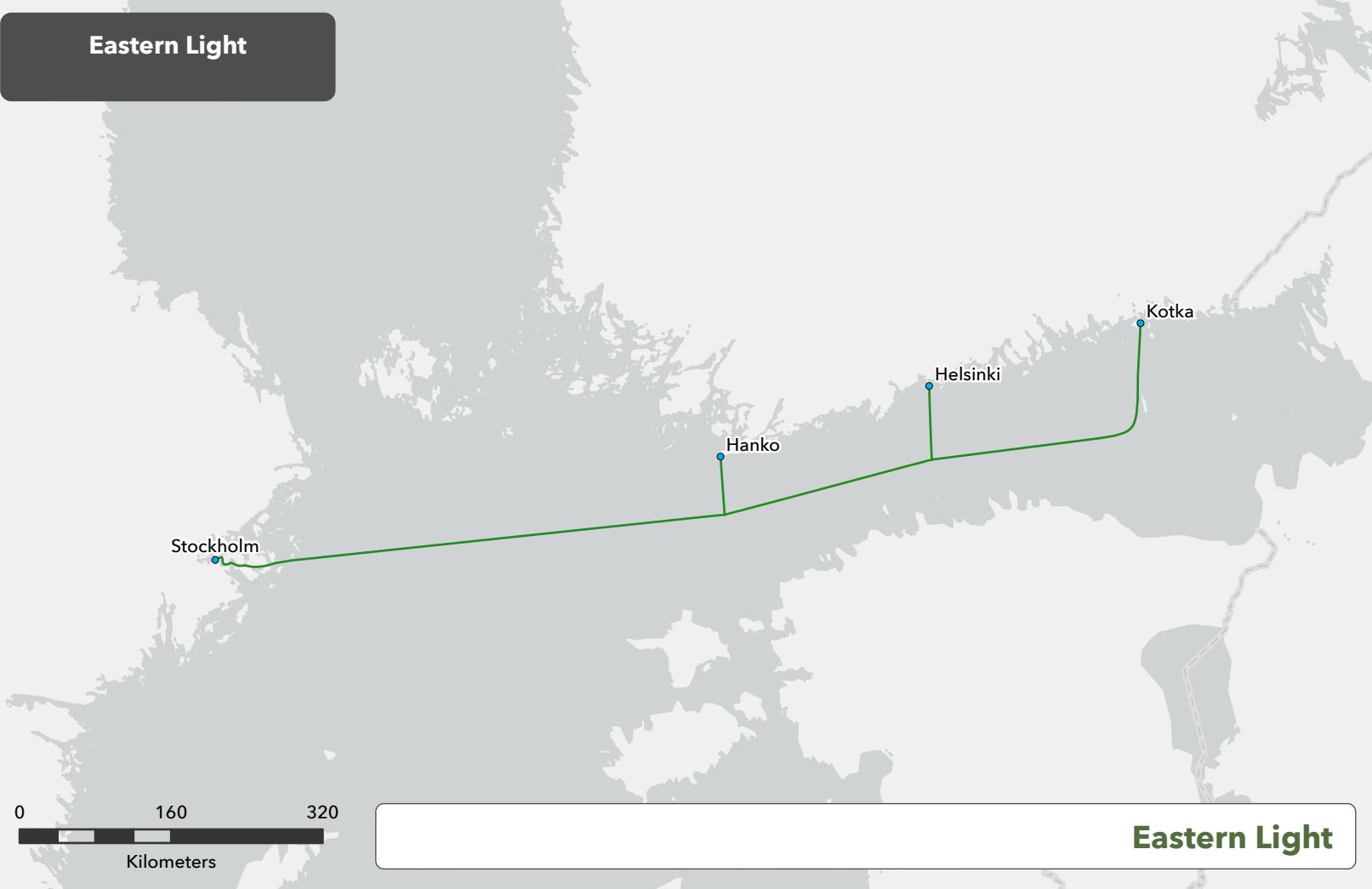


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$8,150,000
Length (km)	326
Design Capacity (Tbps)	Not Available
Fiber Pairs	48
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW
System Installer	Not Available
Owner(s)	Relined

LANDING POINTS

City	State/Province	Country
Eemshaven	Groningen	Netherlands
Endrup	Syddanmark	Denmark

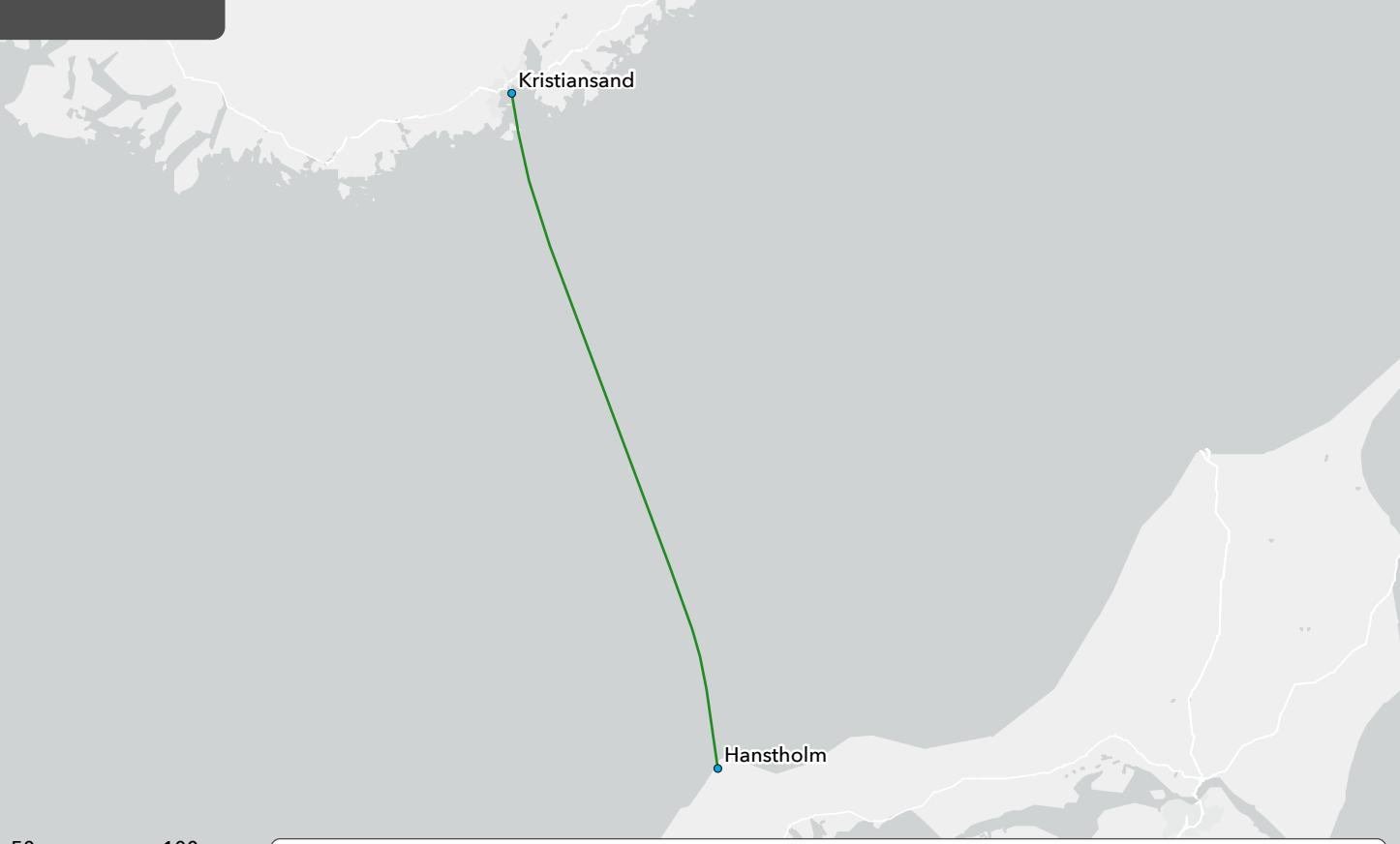


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$10,500,000
Length (km)	420
Design Capacity (Tbps)	Not Available
Fiber Pairs	72
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW
System Installer	Baltic Offshore
Owner(s)	Eastern Light

LANDING POINTS

City	State/Province	Country
Hanko	Western Uusimaa	Finland
Helsinki	Uusimaa	Finland
Kotka	Kymen-laasko	Finland
Stockholm	Stockholm	Sweden



0 50 100
Kilometers

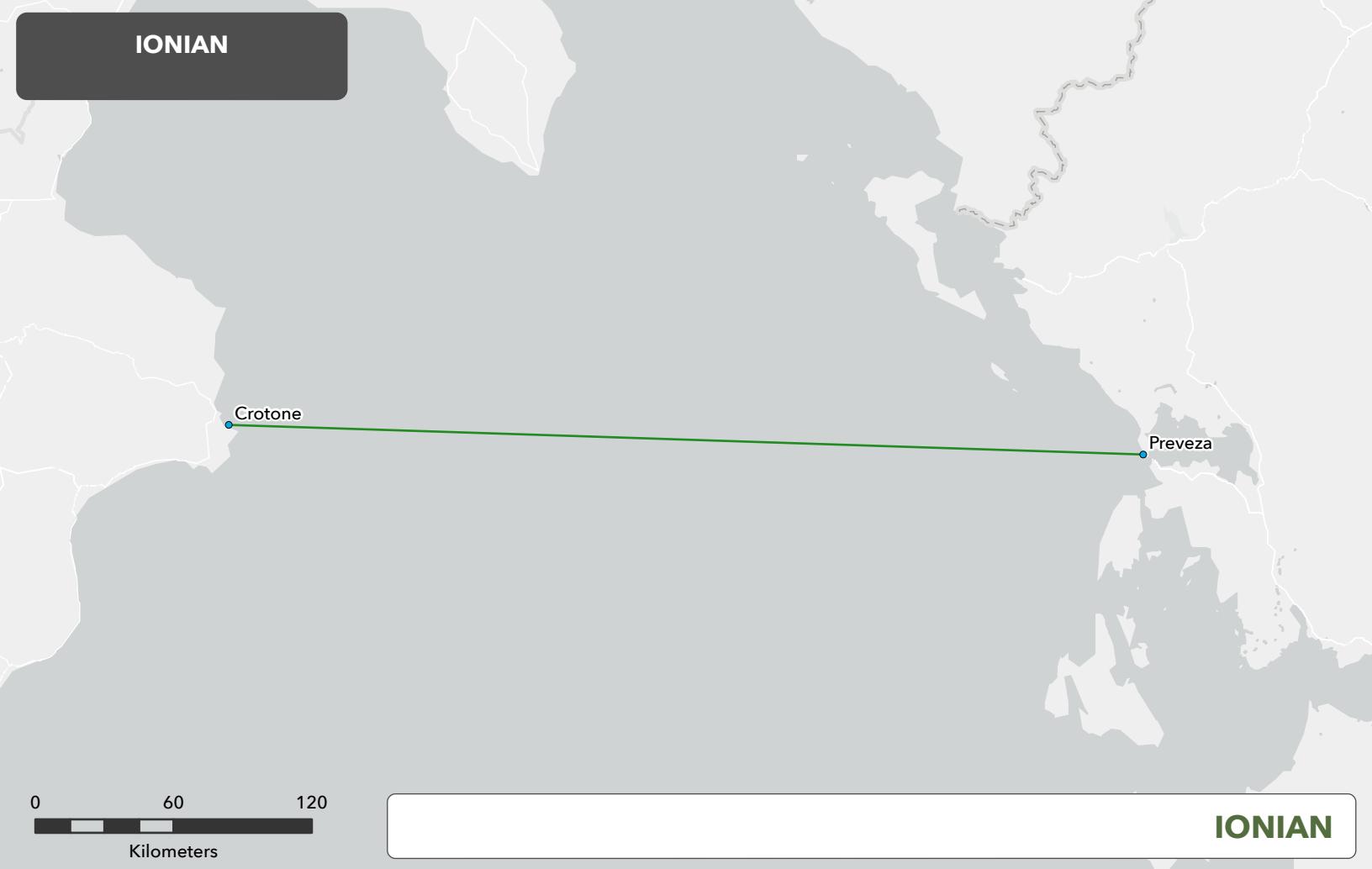
HAVSIL

SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$3,000,000
Length (km)	170
Design Capacity (Tbps)	Not Available
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW
System Installer	Cecon Contracting
Owner(s)	Arelion, Bulk Infrastructure AS

LANDING POINTS

City	State/Province	Country
Hanstholm	Thisted	Denmark
Kristiansand	Agder	Norway



0 60 120
Kilometers

IONIAN

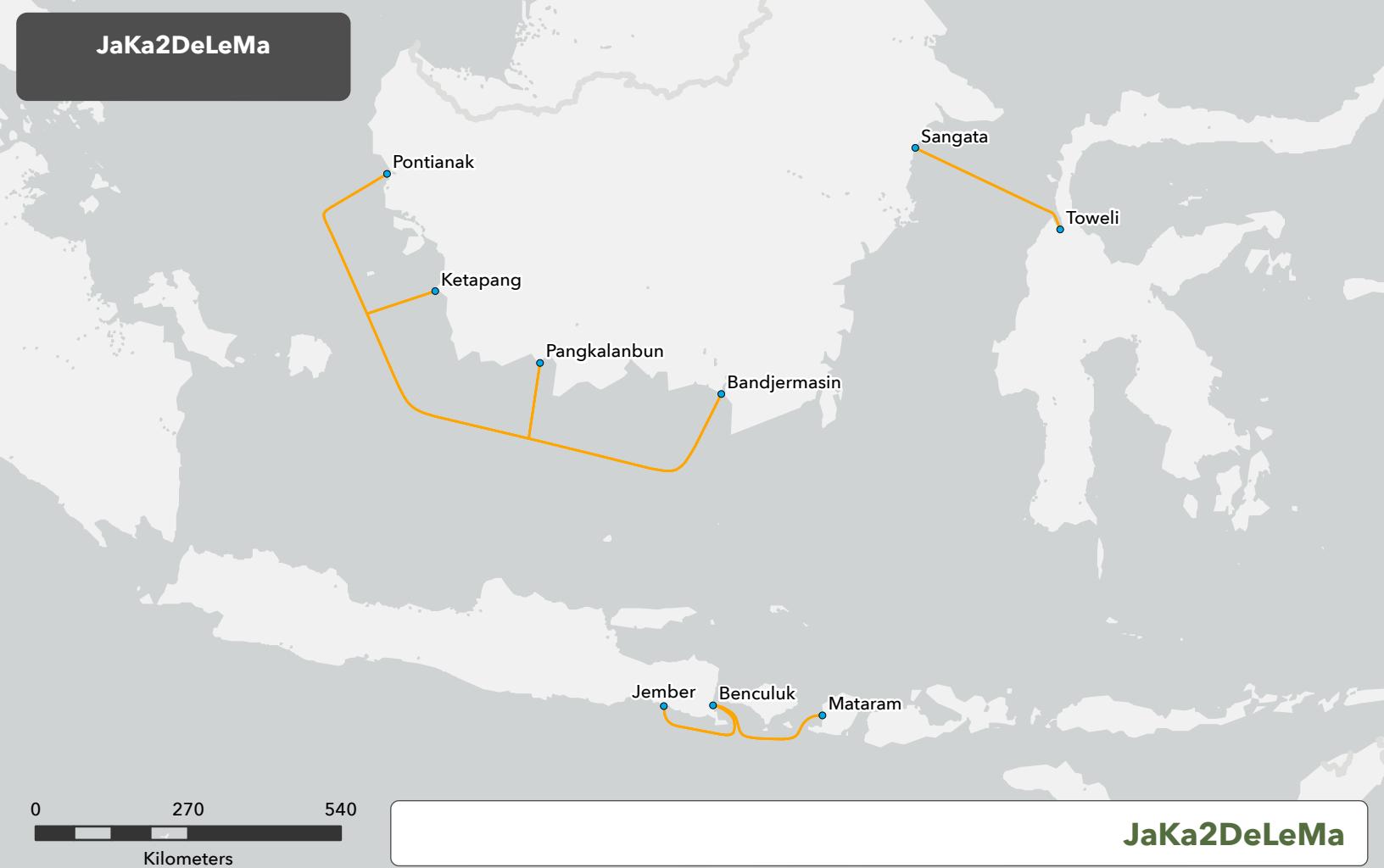
SYSTEM DETAILS

RFS Year	2023
EOS Year	2048
Est. System Cost (USD)	\$18,000,000
Length (km)	320
Design Capacity (Tbps)	360
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	15
System Supplier	Elettra, Prysmian Group/NSW

LANDING POINTS

City	State/Province	Country
Crotone	Calabria	Italy
Preveza	Epirus	Greece

System Installer	Elettra
Owner(s)	Islalink



SYSTEM DETAILS

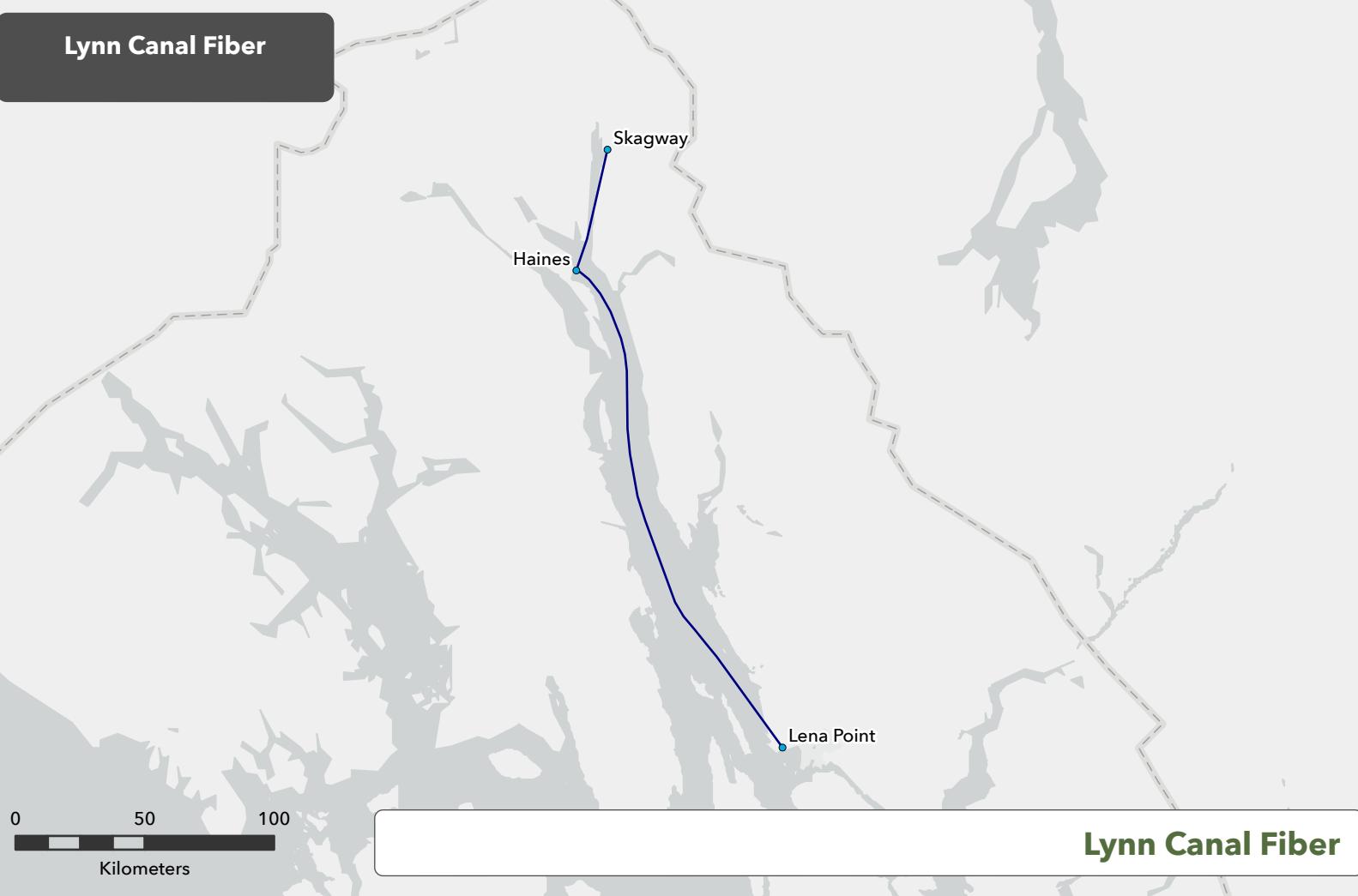
RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$11,600,000
Length (km)	1,800
Design Capacity (Tbps)	9.6
Fiber Pairs	3
Wavelengths per Fiber Pair	32
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, Prysmian Group/NSW

LANDING POINTS

City	State/Province	Country
Bandjermasin	South Kalimantan	Indonesia
Benculuk	East Java	Indonesia
Jember	East Java	Indonesia
Ketapang	West Kalimantan	Indonesia
Mataram	West Nusa Tenggara	Indonesia
Pangkalanbun	Central Kalimantan	Indonesia
Pontianak	West Kalimantan	Indonesia
Sangata	East Kalimantan	Indonesia
Toweli	West Sulawesi	Indonesia

System Installer	Orange
Owner(s)	PT Telekom

Lynn Canal Fiber



SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$3,450,000
Length (km)	138
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW
System Installer	Not Available
Owner(s)	Alaska Power & Telephone Company (AP&T)

LANDING POINTS

City	State/Province	Country
Haines	Alaska	United States
Lena Point	Alaska	United States
Skagway	Alaska	United States

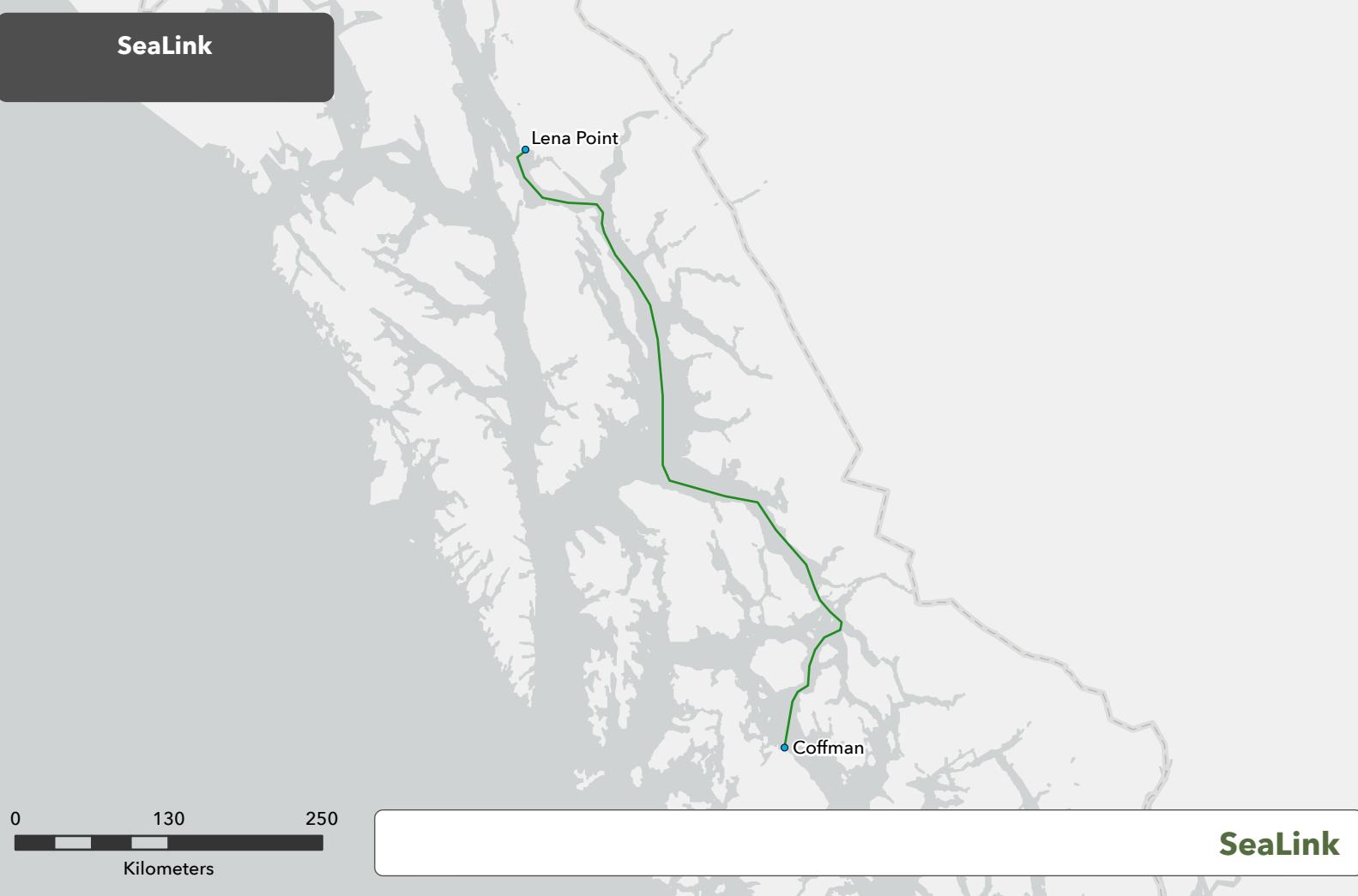


SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$87,500,000
Length (km)	3,550
Design Capacity (Tbps)	9.6
Fiber Pairs	36
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW
System Installer	Not Available
Owner(s)	GTD Teleductos S.A.

LANDING POINTS

City	State/Province	Country
Antofagasta	Antofagasta	Chile
Arica	Arica y Parinacota	Chile
Caldera	Copiapó	Chile
Concepción	Concepción	Chile
Concón	Valparaíso	Chile
Constitución	Talca	Chile
Iquique	Tarapacá	Chile
La Serena	Coquimbo	Chile
Puerto Godoy	Los Lagos	Chile
Puerto Saavedra	Cautín	Chile
Tocopilla	Antofagasta	Chile



SYSTEM DETAILS

RFS Year	2023
EOS Year	2048
Est. System Cost (USD)	\$5,350,000
Length (km)	344
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW
System Installer	Prysmian Group/NSW
Owner(s)	Alaska Power & Telephone Company (AP&T)

LANDING POINTS

City	State/Province	Country
Coffman Cove	Alaska	United States
Lena Point	Alaska	United States



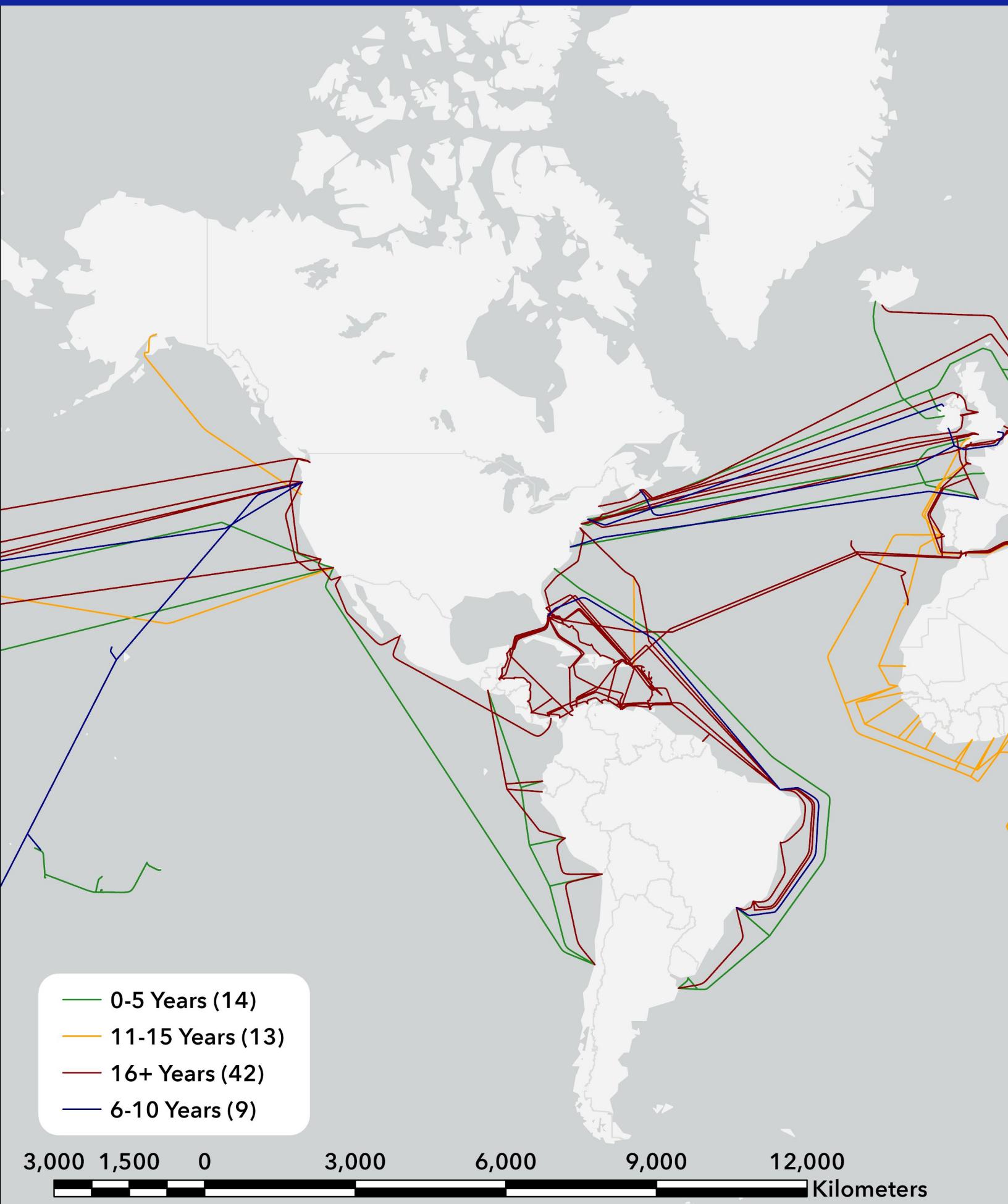
SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$27,000,000
Length (km)	828
Design Capacity (Tbps)	0.57
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, Xtera
System Installer	IT International Telecom
Owner(s)	Faroese Telecom

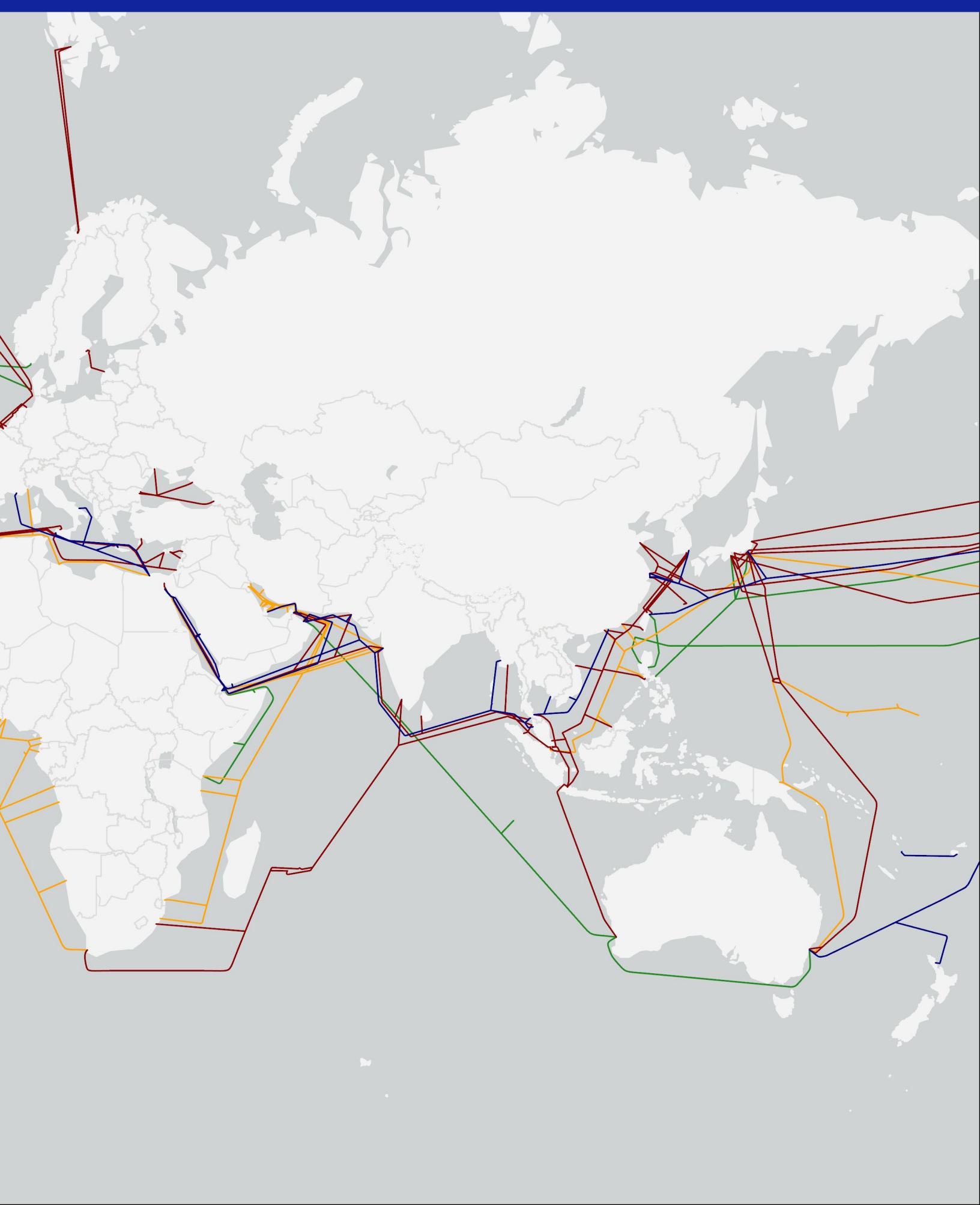
LANDING POINTS

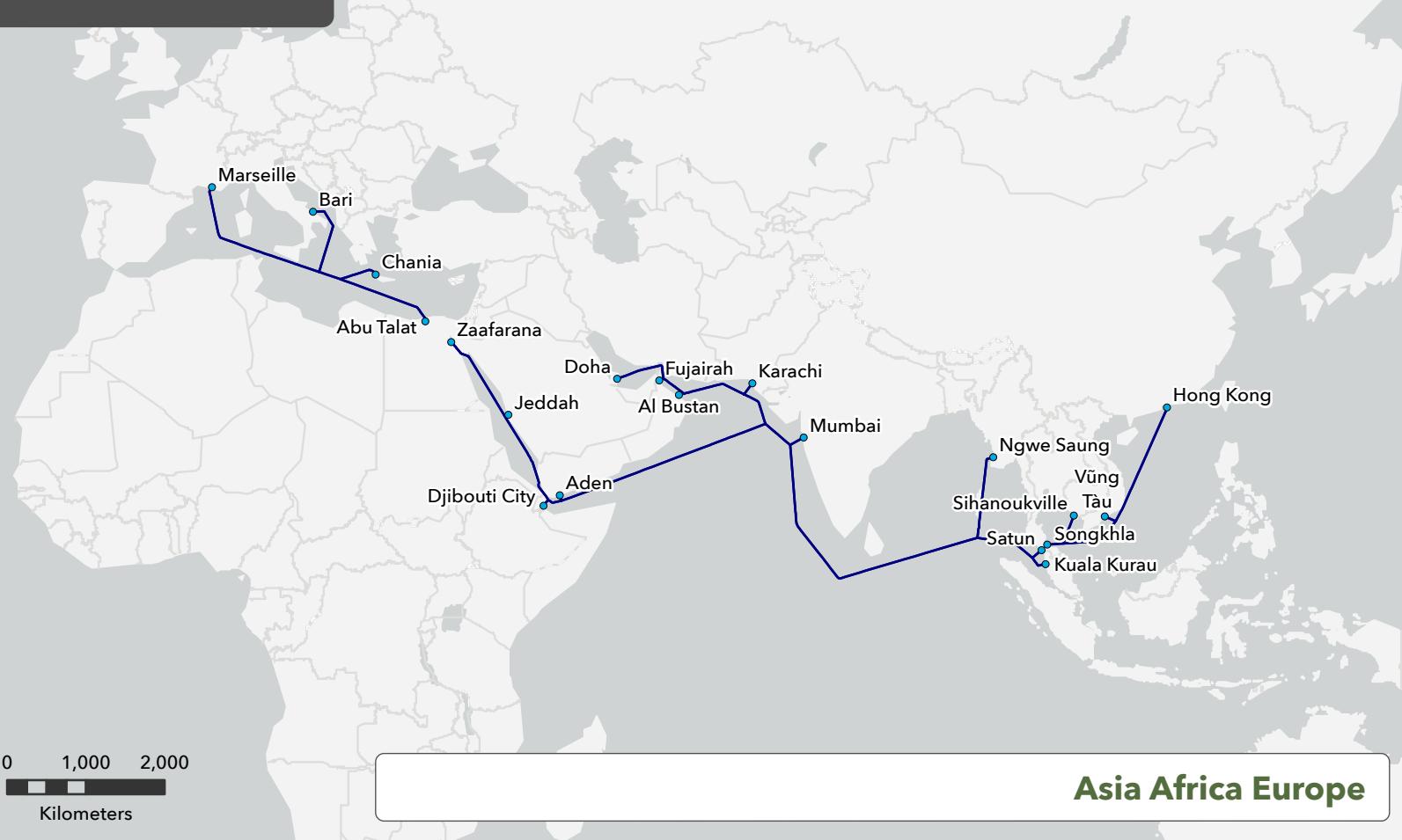
City	State/Province	Country
Ayre of Cara	Scotland	United Kingdom
Banff	Scotland	United Kingdom
Maywick	Scotland	United Kingdom
Sandwick	Scotland	United Kingdom
Tórshavn		Faroe Islands

In Service System



ems - SubCom



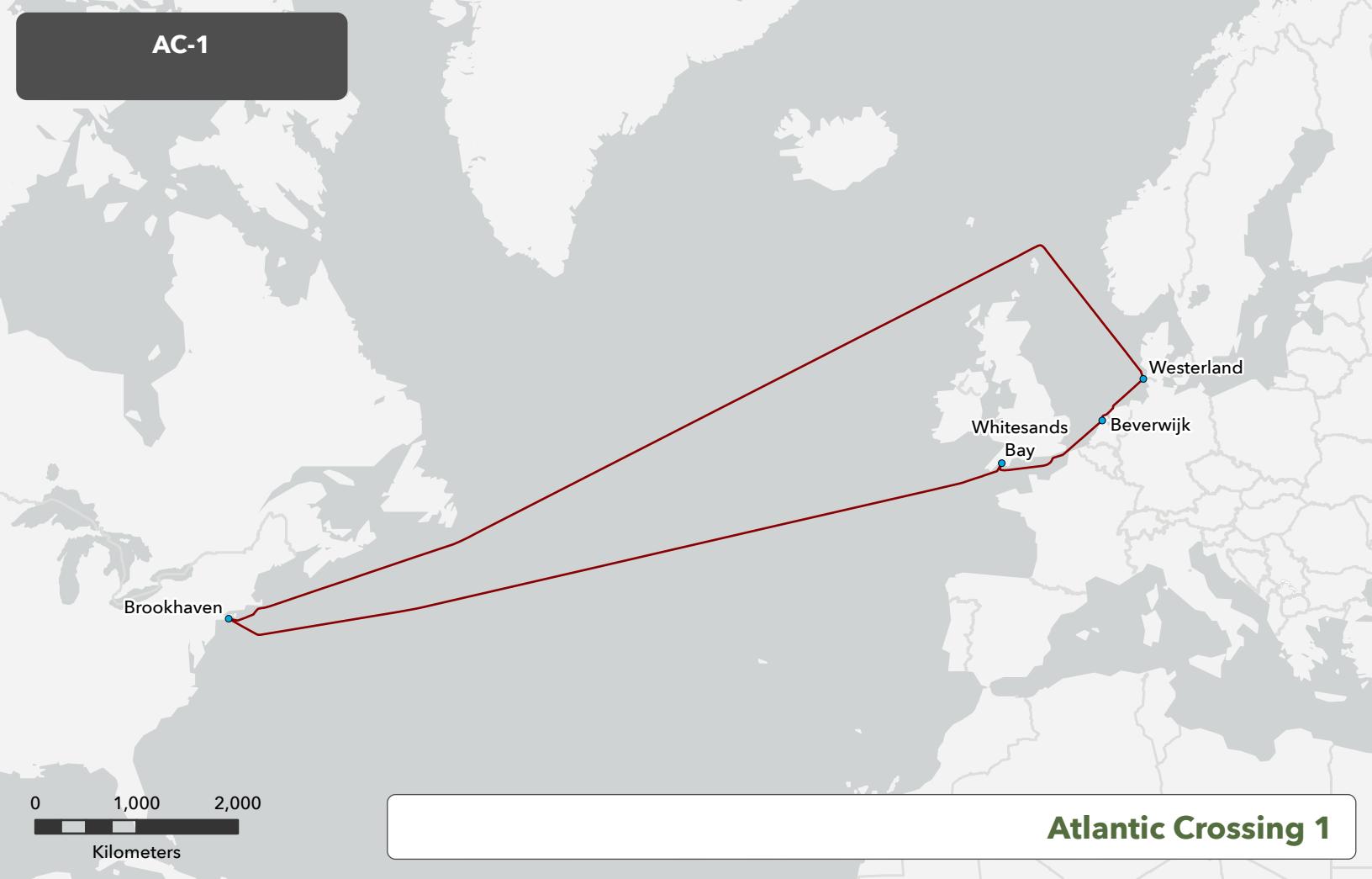


SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$80,000,000
Length (km)	25,000
Design Capacity (Tbps)	80
Fiber Pairs	5
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	200
System Supplier	NEC, SubCom
System Installer	Orange, SubCom
Owner(s)	China Unicom, CIL, Djibouti Telecom, Etisalat, GT5L, HKT (PCCW Global), Mobily, Omantel, Ooredoo, OTE Globe, PCCW Global, PTCL, Reliance Jio Infocomm Limited, Retelit, Telecom Egypt, Telecom Yemen, TOT Public Co Ltd., Viettel

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Aden	Aden	Yemen
Al Bustan	Muscat	Oman
Bari	Apulia	Italy
Chania	Crete	Greece
Djibouti City	Djibouti	Djibouti
Doha	Doha	Qatar
Fujairah	Fujairah	United Arab Emirates
	Hong Kong	China
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Kuala Kurau	Perak	Malaysia
Marseille	Provence-Alpes-Côte d'Azur	France
Mumbai	Maharashtra	India
Ngwe Saung	Ayeyarwady	Myanmar
Satun	Satun	Thailand
Sihanoukville	Preah Sihanouk	Cambodia
Songkhla	Songkhla	Thailand
Vũng Tàu	Bà Rịa-Vũng Tàu	Vietnam
Zaafarana	Red Sea Governorate	Egypt



SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$87,500,000
Length (km)	13,377
Design Capacity (Tbps)	5.2
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	CenturyLink

LANDING POINTS

City	State/Province	Country
Beverwijk	North Holland	Netherlands
Brookhaven	New York	United States
Westerland	Schleswig-Holstein	Germany
Whitesands Bay	Wales	United Kingdom

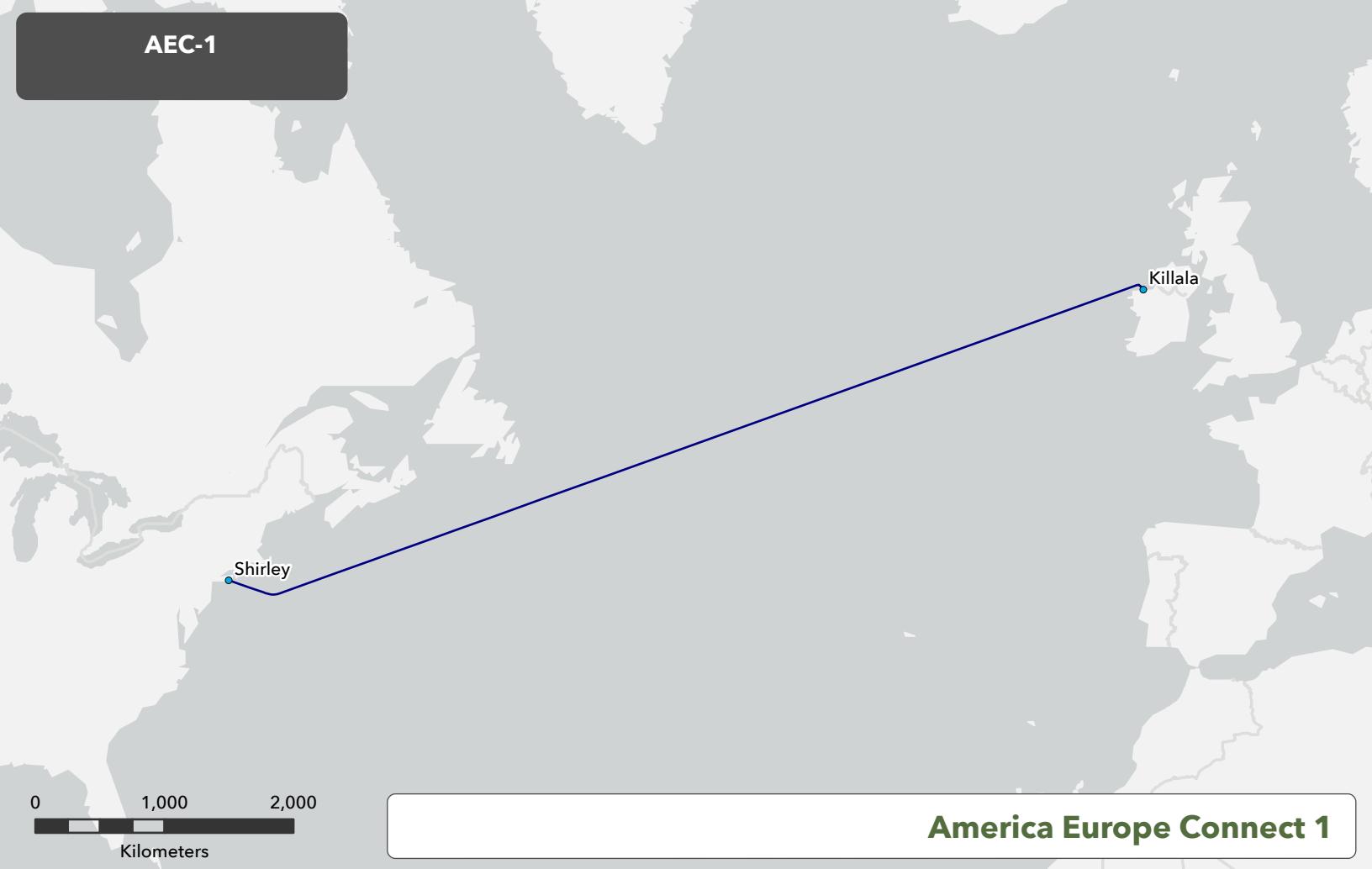


SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$70,000,000
Length (km)	17,000
Design Capacity (Tbps)	20
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, SubCom
System Installer	Orange
Owner(s)	Benin Telecoms, Cable Consortium of Liberia, Canalink Africa SL, Côte d'Ivoire Telecom, Dolphin Telecom JLT, Gambia Submarine Cable, Guinéenne de Large Bande, International Mauritania Telecom, MEO, MTN Group, Orange, Republic of Equatorial Guinea, Republic of Gabon, République of Cameroun, Sierra Leone Cable Company, STP Cabo

LANDING POINTS

City	State/Province	Country
Abidjan		Ivory Coast
Accra	Greater Accra Region	Ghana
Banjul	Banjul	Gambia
Bata	Litoral	Equatorial Guinea
Carcavelos	Cascais	Portugal
Conakry	Conakry	Guinea
Cotonou		Benin
Dakar	Dakar	Senegal
Duynefontein	Western Cape	South Africa
Freetown	Western Area	Sierra Leone
Kribi	South Province	Cameroon
Lagos	Lagos	Nigeria
Libreville	Estuaire	Gabon
Luanda	Luanda Province	Angola
Monrovia	Montserrado	Liberia
Muanda	Kongo Central	Dem. Republic of the
Nouakchott	Nouakchott-Sud	Mauritania
Penmarch	Brittany	France
Santana	Cantagalo	Sao Tome and Principe
Suro		Guinea-Bissau
Swakopmund	Erongo	Namibia
Tenerife	Canary Islands	Spain



SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$30,000,000
Length (km)	5,536
Design Capacity (Tbps)	78
Fiber Pairs	6
Wavelengths per Fiber Pair	130
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Aqua Comms Limited

LANDING POINTS

City	State/Province	Country
Killala	Ireland	Ireland
Shirley	New York	United States



Australia-Japan Cable

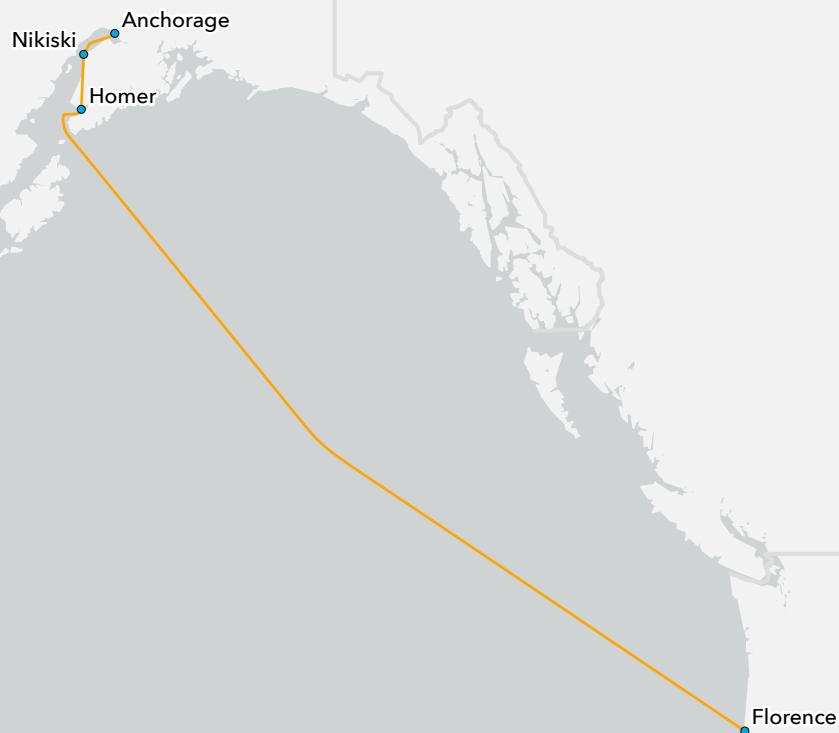
SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$52,000,000
Length (km)	12,224
Design Capacity (Tbps)	25.6
Fiber Pairs	4
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Ocean Cable Company, SubCom

LANDING POINTS

City	State/Province	Country
Maruyama	Chiba	Japan
Oxford Falls	New South Wales	Australia
Shima	Mie	Japan
Sydney	New South Wales	Australia
Tanguisson Point	Guam	United States
Tumon		Guam

System Installer	FCR, KDD, Orange, SubCom
Owner(s)	Australia Japan Cable Limited, Communications Global Network Services Limited, KDD, SoftBank Telecom Corporation, Telstra Holdings No. 1 Limited, Worldcom Global Networks Limited



Alaska-Oregon Network

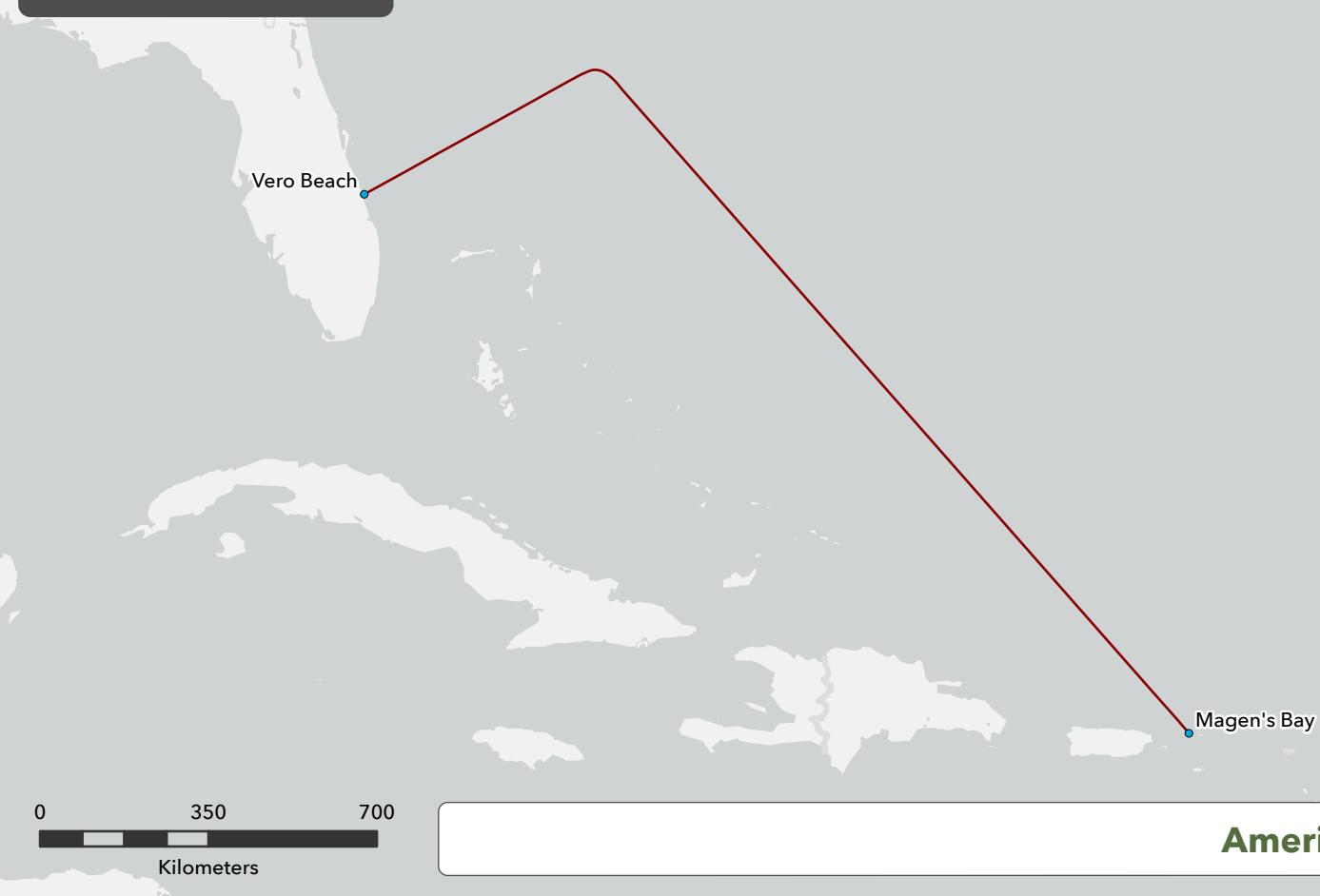
SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$10,000,000
Length (km)	2,968
Design Capacity (Tbps)	0.01
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Alaska Communications Systems

LANDING POINTS

City	State/Province	Country
Anchorage	Alaska	United States
Florence	Oregon	United States
Homer	Alaska	United States
Nikiski	Alaska	United States

Americas I North



Americas I North

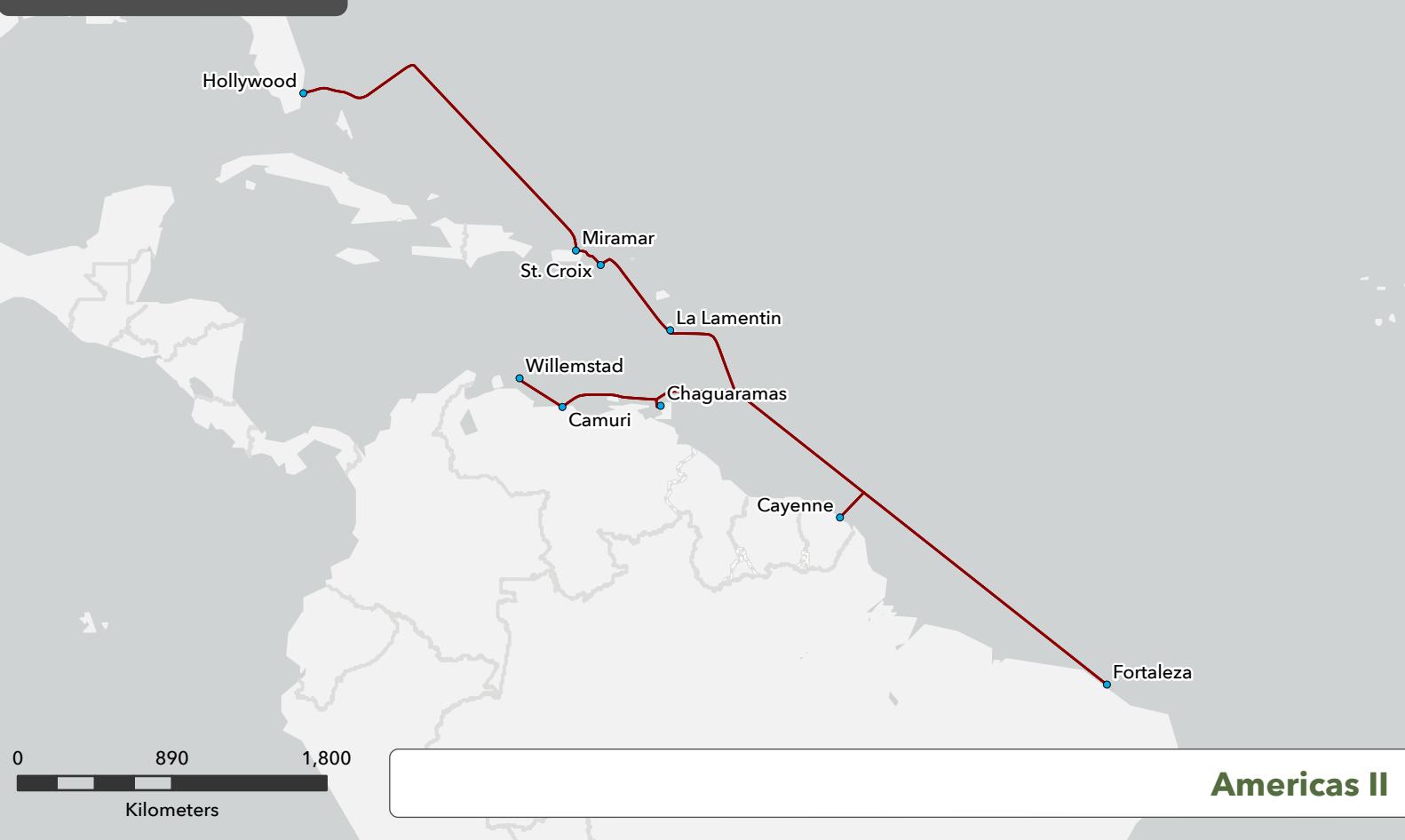
SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$22,000,000
Length (km)	2,013
Design Capacity (Tbps)	2
Fiber Pairs	2
Wavelengths per Fiber Pair	6
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	Not Available
Owner(s)	AT&T Inc., CANTV, Embratel, TSTT

LANDING POINTS

City	State/Province	Country
Magen's Bay		British Virgin Islands
Vero Beach	Florida	United States

Americas II



SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$35,000,000
Length (km)	8,373
Design Capacity (Tbps)	6.1
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	40
System Supplier	ASN, SubCom

System Installer	SubCom
Owner(s)	Antelecom NV, AT&T Inc., Brazil Telecom, CANTV, Embratel, FT, GT&T, Sprint, Telecom Italia, Telesur, Telintar, Trescom Int., TSTT, Verizon

LANDING POINTS

City	State/Province	Country
Camuri	Vargas	Venezuela
Cayenne	French Guiana	France
Chaguanas	Diego Martin	Trinidad and Tobago
Fortaleza	Ceará	Brazil
Hollywood	Florida	United States
La Lamentin	Martinique	France
Miramar		Puerto Rico
	St. Croix	U.S. Virgin Islands
Willemstad		Curaçao

Antilles Crossing



SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$23,800,000
Length (km)	952
Design Capacity (Tbps)	0.16
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Antilles Crossing, Barbados Light & Power, Leucadia, Telebarbados

LANDING POINTS

City	State/Province	Country
Bridgetown	Saint Michael Parish	Barbados
Ham's Bluff		British Virgin Islands
Port Castries	Castries	St. Lucia



SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$25,000,000
Length (km)	8,700
Design Capacity (Tbps)	8.4
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Prysmian Group/NSW

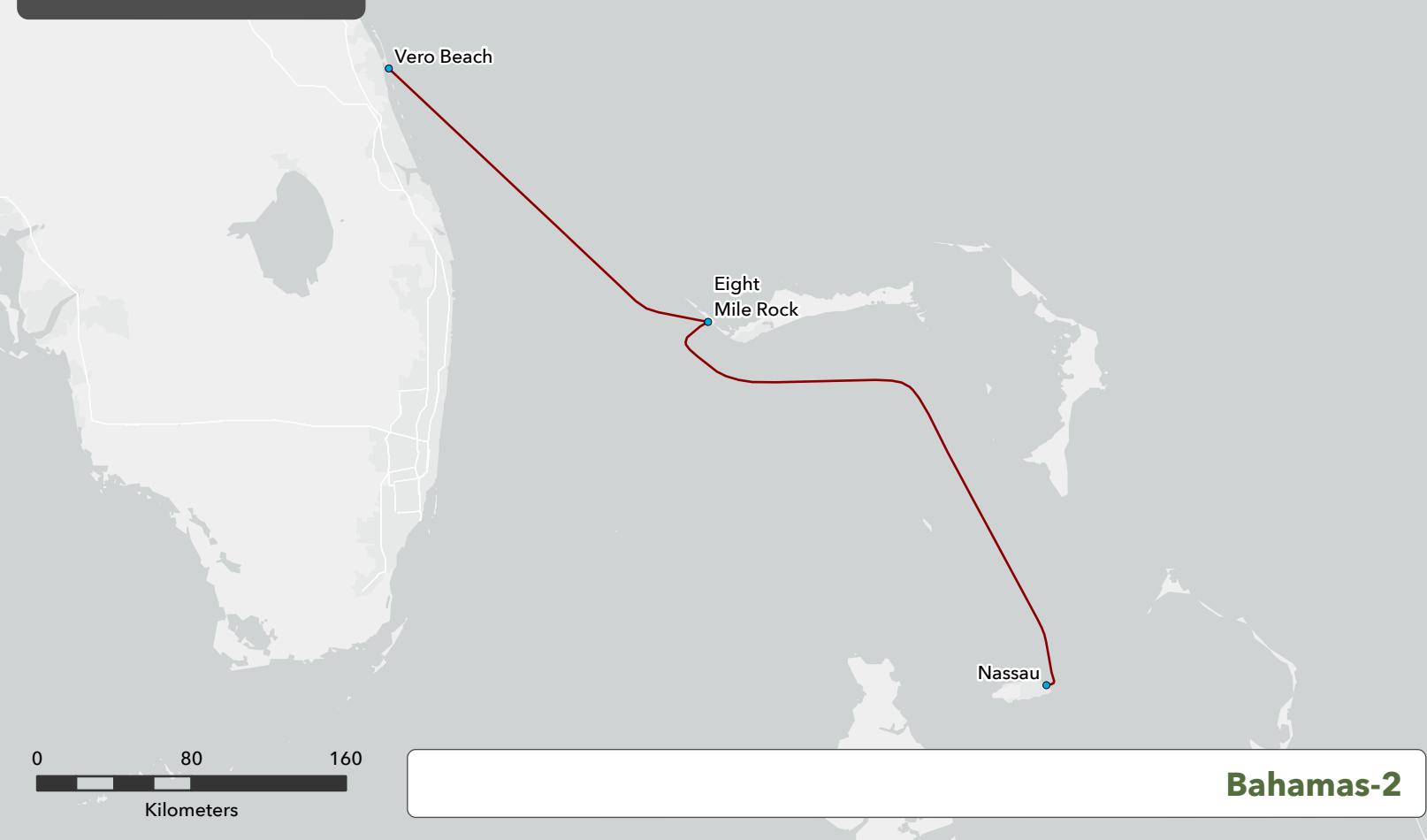
System Installer	Not Available
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Owner(s)	Alestra, Axtel, BTC, BTL, C&W, CANTV, Codetel, Enitel, Hondutel, ICE, Impsat, Internexa, Orbinet SA, Racsa, Telecarrier, Tricom, Ultracom, UTS, Verizon
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LANDING POINTS

City	State/Province	Country
Bluefields	South Caribbean Coast	Nicaragua
Cancun	Quintana Roo	Mexico
Cartagena	Bolívar	Colombia
Cat Island	Cat Island	Bahamas
Crooked Island	Crooked Island	Bahamas
Hollywood	Florida	United States
Ladyville	Belize	Belize
Maria Chiquita	Colón	Panama
Nassau	New Providence	Bahamas
Providenciales		Turks and Caicos Islands
Puerto Barrios	Izabal	Guatemala
Puerto Cabezas	North Caribbean Coast	Nicaragua
Puerto Cortés	Cortés	Honduras
Puerto Lempira	Gracias a Dios	Honduras
Puerto Limón	Limón Province	Costa Rica
Puerto Plata	Puerto Plata	Dominican Republic
Punta Cana	La Altagracia	Dominican Republic
Punto Fijo	Falcón	Venezuela
Riohacha	La Guajira	Colombia
San Juan		Puerto Rico
Trujillo	Colón	Honduras
Tulum	Quintana Roo	Mexico
Ustupo	Guna Yala Comarca	Panama
Willemstad		Curaçao

Bahamas-2



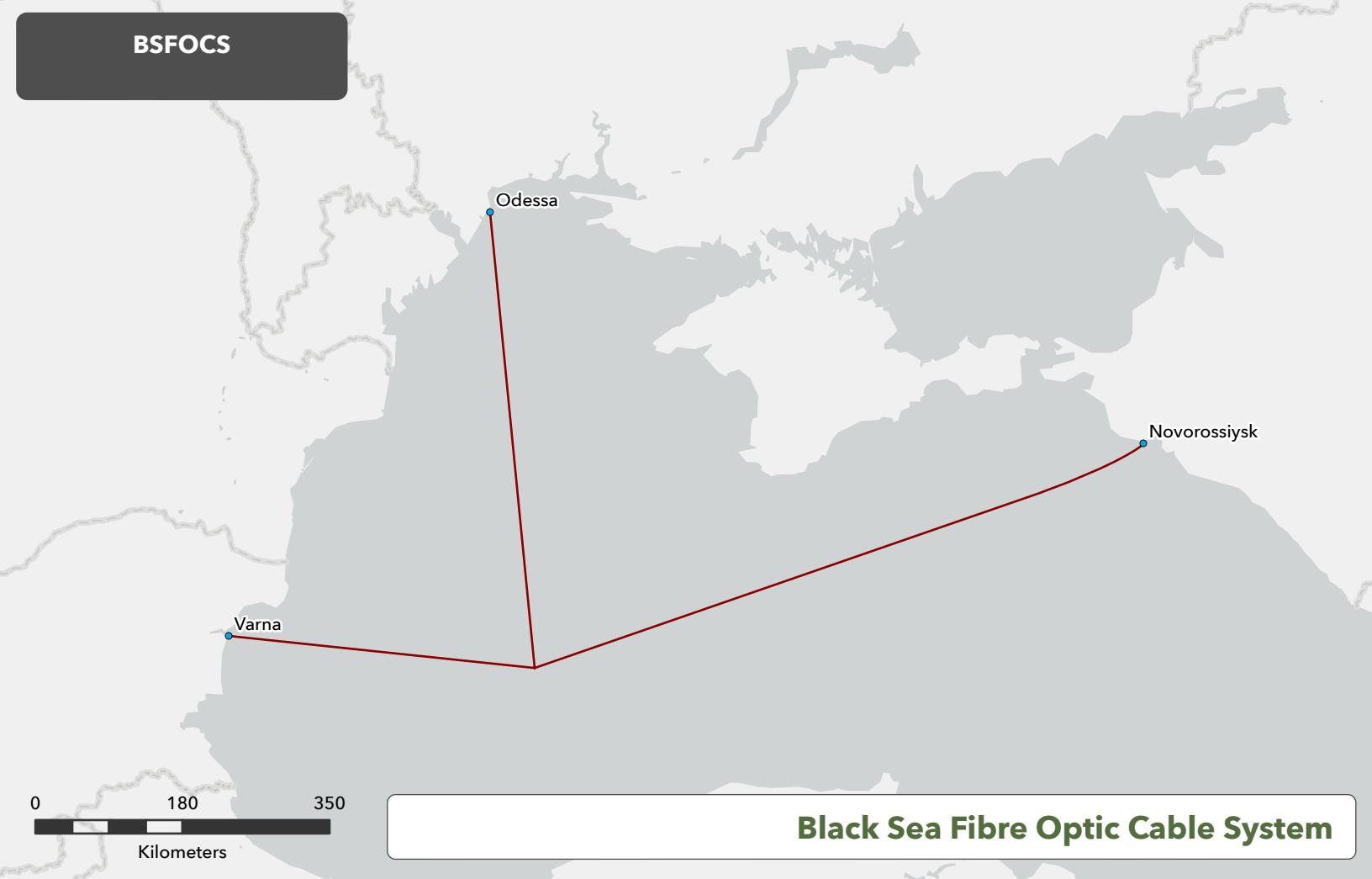
Bahamas-2

SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$25,000,000
Length (km)	478
Design Capacity (Tbps)	2.4
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	40
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Balteco, Verizon

LANDING POINTS

City	State/Province	Country
Eight Mile Rock	West Grand Bahama	Bahamas
Nassau	New Providence	Bahamas
Vero Beach	Florida	United States



SYSTEM DETAILS

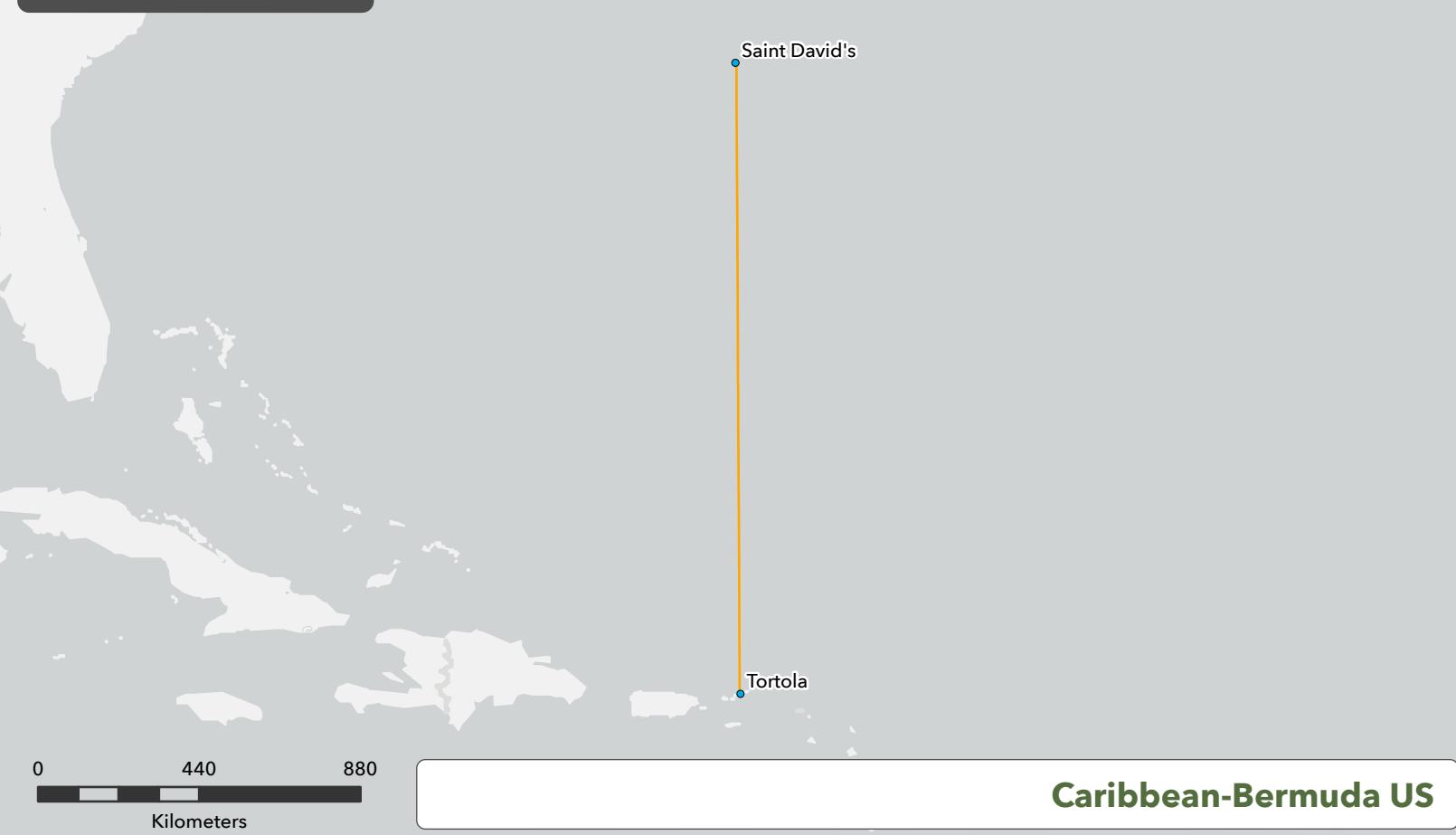
RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$51,000,000
Length (km)	933
Design Capacity (Tbps)	0.0025
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom

System Installer ASN, Global Marine Systems Limited, SubCom

Owner(s) Armentel, BTC, Cyprus
Telecommunications Authority, DTAG, HT, OTE Globe, Rostelecom, Telecom Slovenia, Ukrtelecom

LANDING POINTS

City	State/Province	Country
Novorossiysk	Krasnodar Krai	Russia
Odessa	Odessa Raion	Ukraine
Varna	Varna	Bulgaria

**SYSTEM DETAILS**

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$10,000,000
Length (km)	1,609
Design Capacity (Tbps)	2.5
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom

System Installer IT International Telecom, SubCom

Owner(s) LIME

LANDING POINTS

City	State/Province	Country
Saint David's		Bermuda
Tortola		British Virgin Islands

Cadmos

Pentaskhinos

Beirut

0 30 60
Kilometers

Cadmos

SYSTEM DETAILS

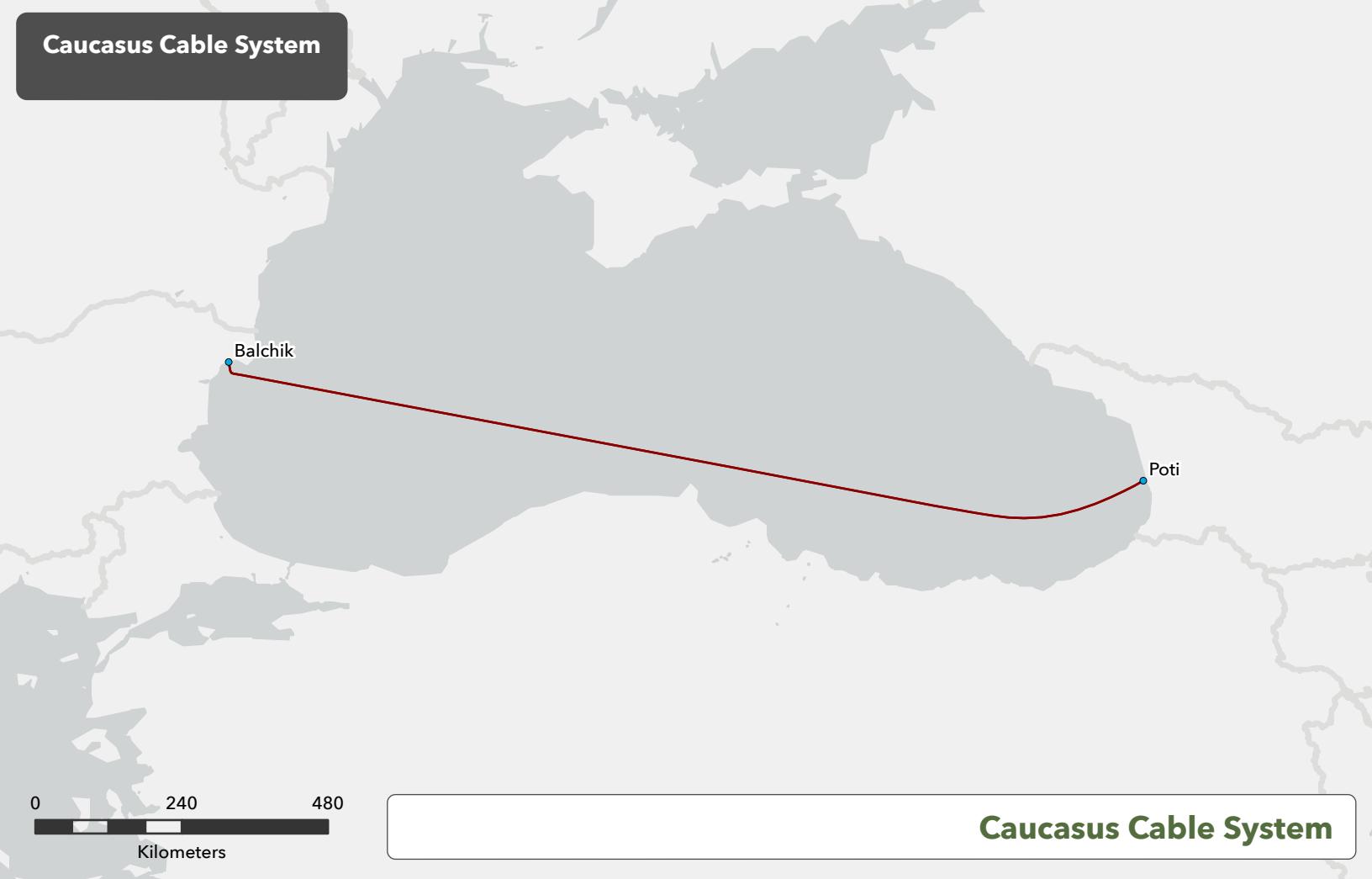
RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$8,000,000
Length (km)	262
Design Capacity (Tbps)	0.000622
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom

LANDING POINTS

City	State/Province	Country
Beirut	Beirut	Lebanon
Pentaskhinos	Larnaca	Cyprus

System Installer	SubCom
Owner(s)	Cyprus Telecommunications Authority, Lebanese Ministry of Telecommunications

Caucasus Cable System

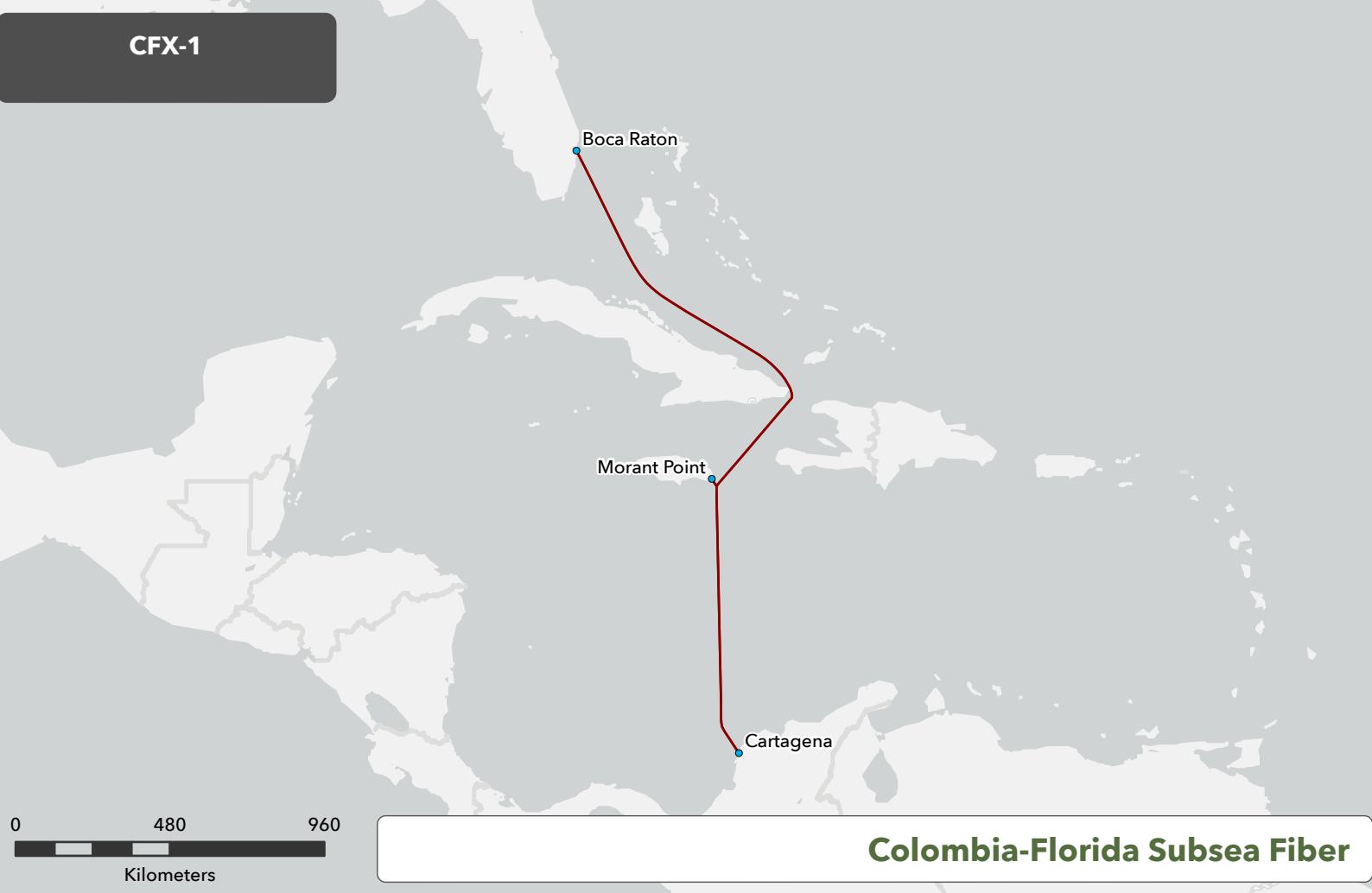


SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$76,000,000
Length (km)	1,187
Design Capacity (Tbps)	12.6
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Caucasus Online

LANDING POINTS

City	State/Province	Country
Balchik	Dobrich	Bulgaria
Poti	Samegrelo-Zemo Svaneti	Georgia

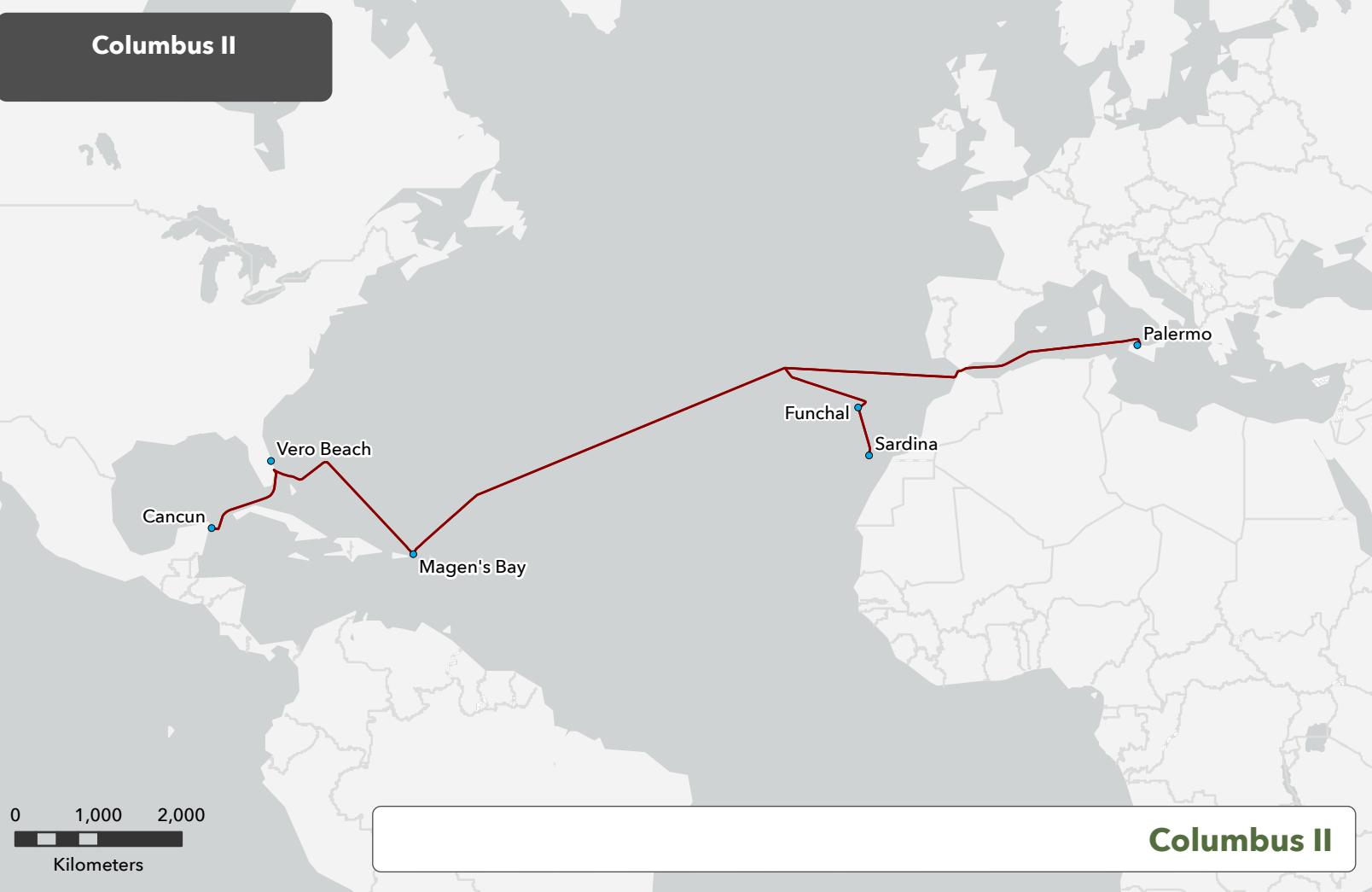
**SYSTEM DETAILS**

RFS Year	2008
EOS Year	2023
Est. System Cost (USD)	\$60,975,000
Length (km)	2,439
Design Capacity (Tbps)	12.8
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	C&W

LANDING POINTS

City	State/Province	Country
Boca Raton	Florida	United States
Cartagena	Bolívar	Colombia
Morant Point	Saint Thomas	Jamaica

Columbus II



SYSTEM DETAILS

RFS Year	1994
EOS Year	2045
Est. System Cost (USD)	\$60,000,000
Length (km)	2,013
Design Capacity (Tbps)	2
Fiber Pairs	2
Wavelengths per Fiber Pair	6
Capacity per Wavelength (Gbps)	100
System Supplier	Pirelli, SubCom

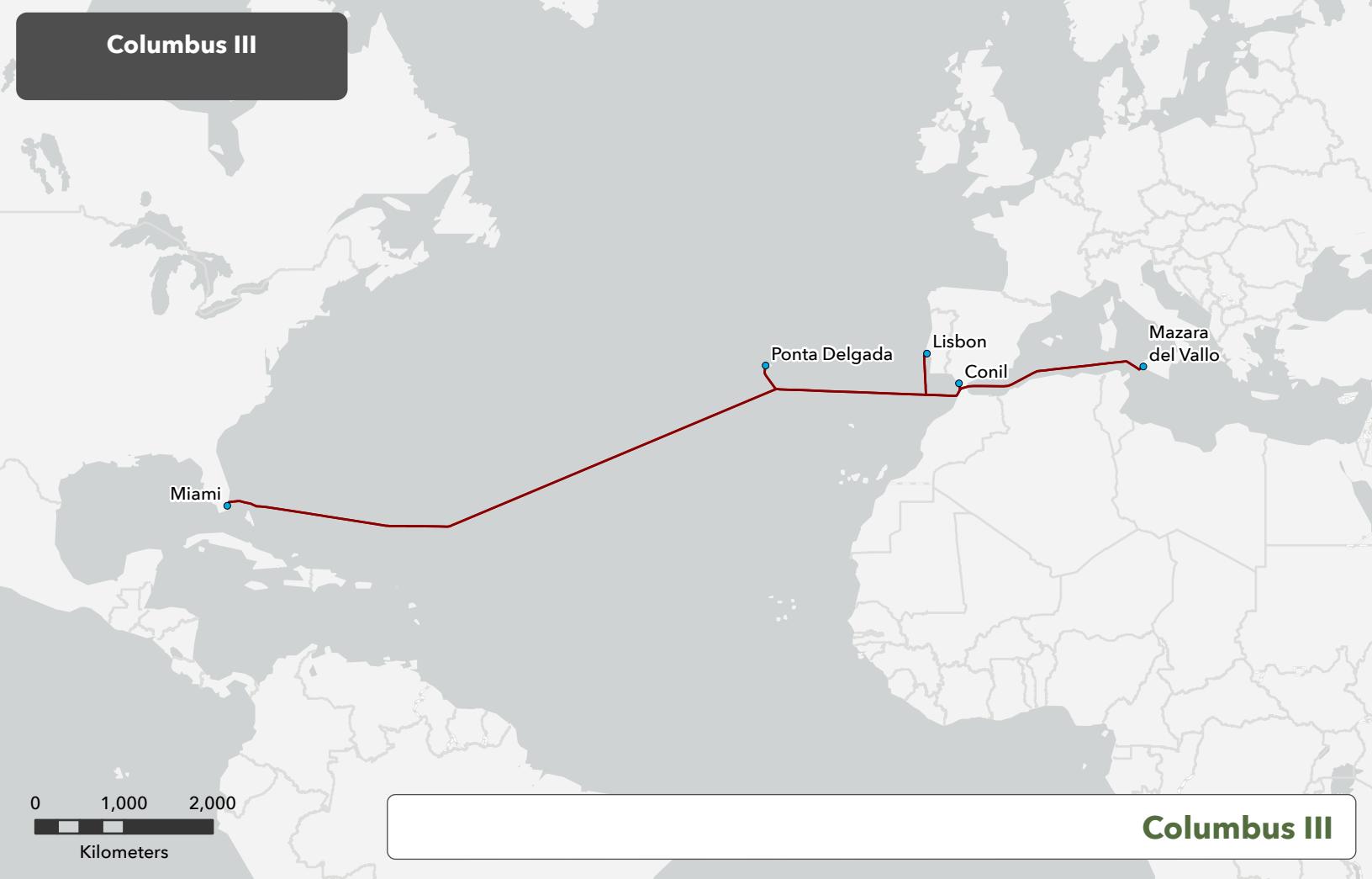
System Installer	ASN, Orange
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Owner(s)	AT&T Inc., Columbus II Consortium
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LANDING POINTS

City	State/Province	Country
Cancun	Quintana Roo	Mexico
Funchal	Madeira	Portugal
Magen's Bay		British Virgin Islands
Palermo	Sicily	Italy
Sardina	Canary Islands	Spain
Vero Beach	Florida	United States

Columbus III



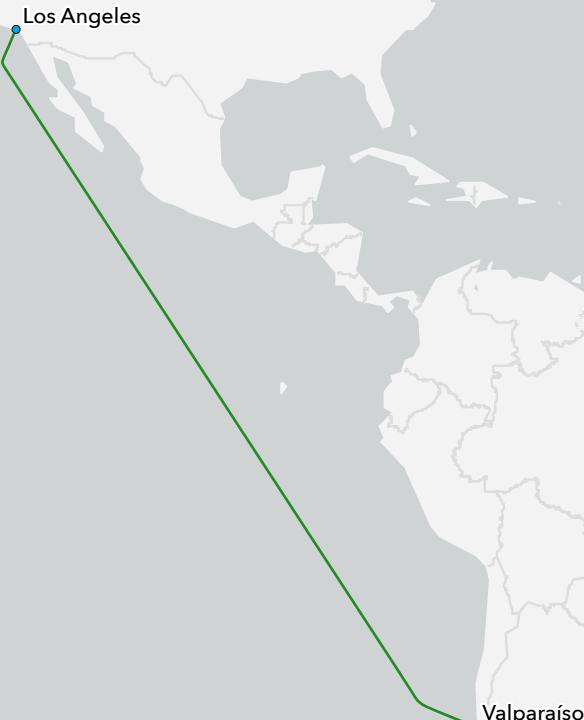
Columbus III

SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$23,600,000
Length (km)	9,833
Design Capacity (Tbps)	0.32
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Pirelli, SubCom
System Installer	ASN, Orange, SubCom
Owner(s)	Columbus III Consortium, Telxius

LANDING POINTS

City	State/Province	Country
Conil	Cádiz	Spain
Lisbon	Lisbon	Portugal
Mazara del Vallo	Sicily	Italy
Miami	Florida	United States
Ponta Delgada	Azores	Portugal



0 1,000 2,000
Kilometers

Curie

SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$26,250,000
Length (km)	10,476
Design Capacity (Tbps)	72
Fiber Pairs	4
Wavelengths per Fiber Pair	180
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Los Angeles	California	United States
Valparaíso	Valparaíso	Chile



0 500 1,000
Kilometers

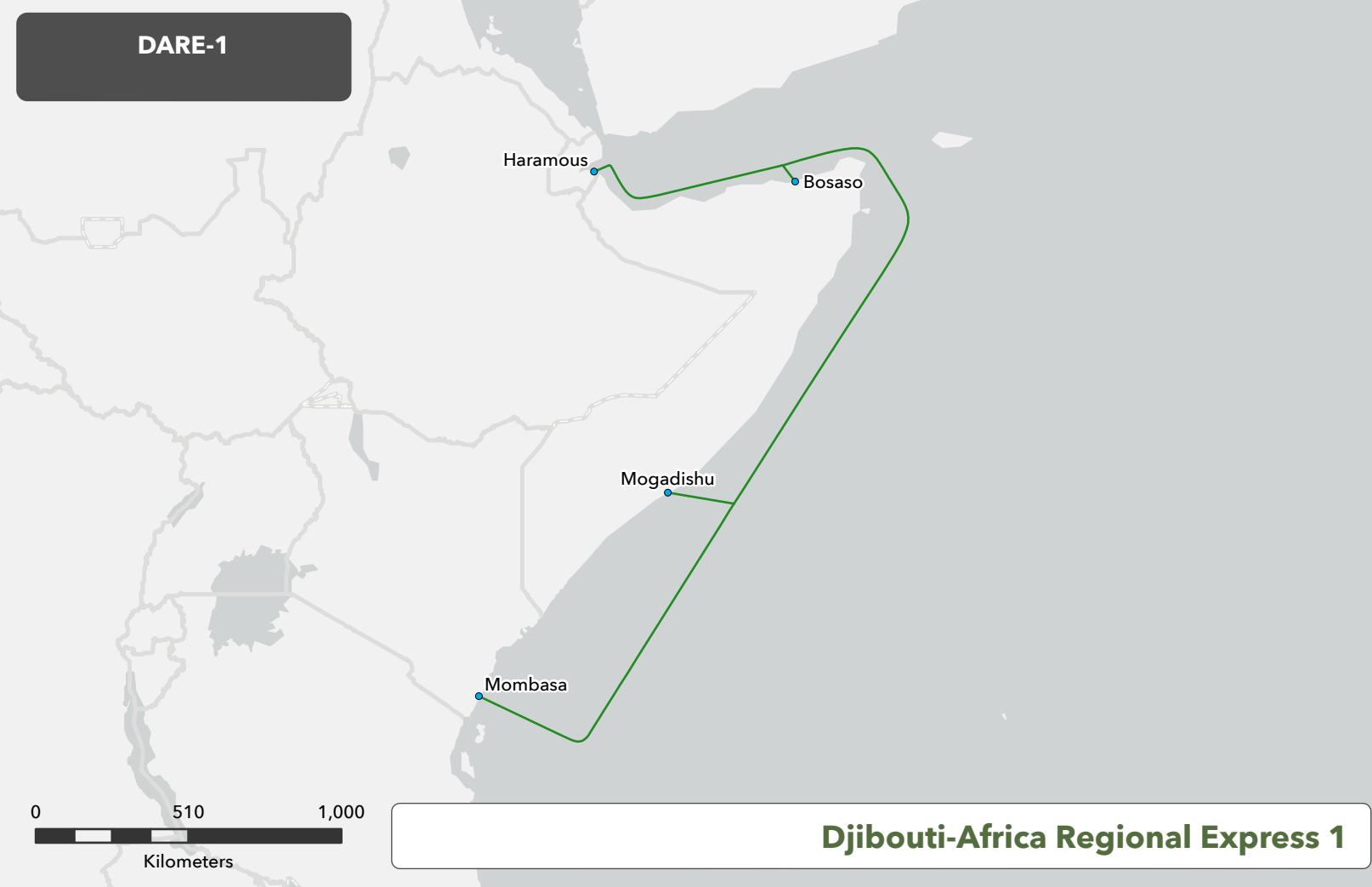
Danice

SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$76,000,000
Length (km)	2,291
Design Capacity (Tbps)	5.1
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Farice ehf

LANDING POINTS

City	State/Province	Country
Blaabjerg	Syddanmark	Denmark
Landeyjarsandur	Southern Region	Iceland



SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$86,000,000
Length (km)	4,854
Design Capacity (Tbps)	36
Fiber Pairs	3
Wavelengths per Fiber Pair	150
Capacity per Wavelength (Gbps)	400
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Djibouti Telecom, Hormuud Telecom Somalia Inc., Somtel Group

LANDING POINTS

City	State/Province	Country
Bosaso	Bari	Somalia
Haramous	Djibouti	Djibouti
Mogadishu	Banaadir	Somalia
Mombasa	Mombasa	Kenya

Dunant

Virginia Beach

Saint Hilaire

0 1,000 2,000
Kilometers

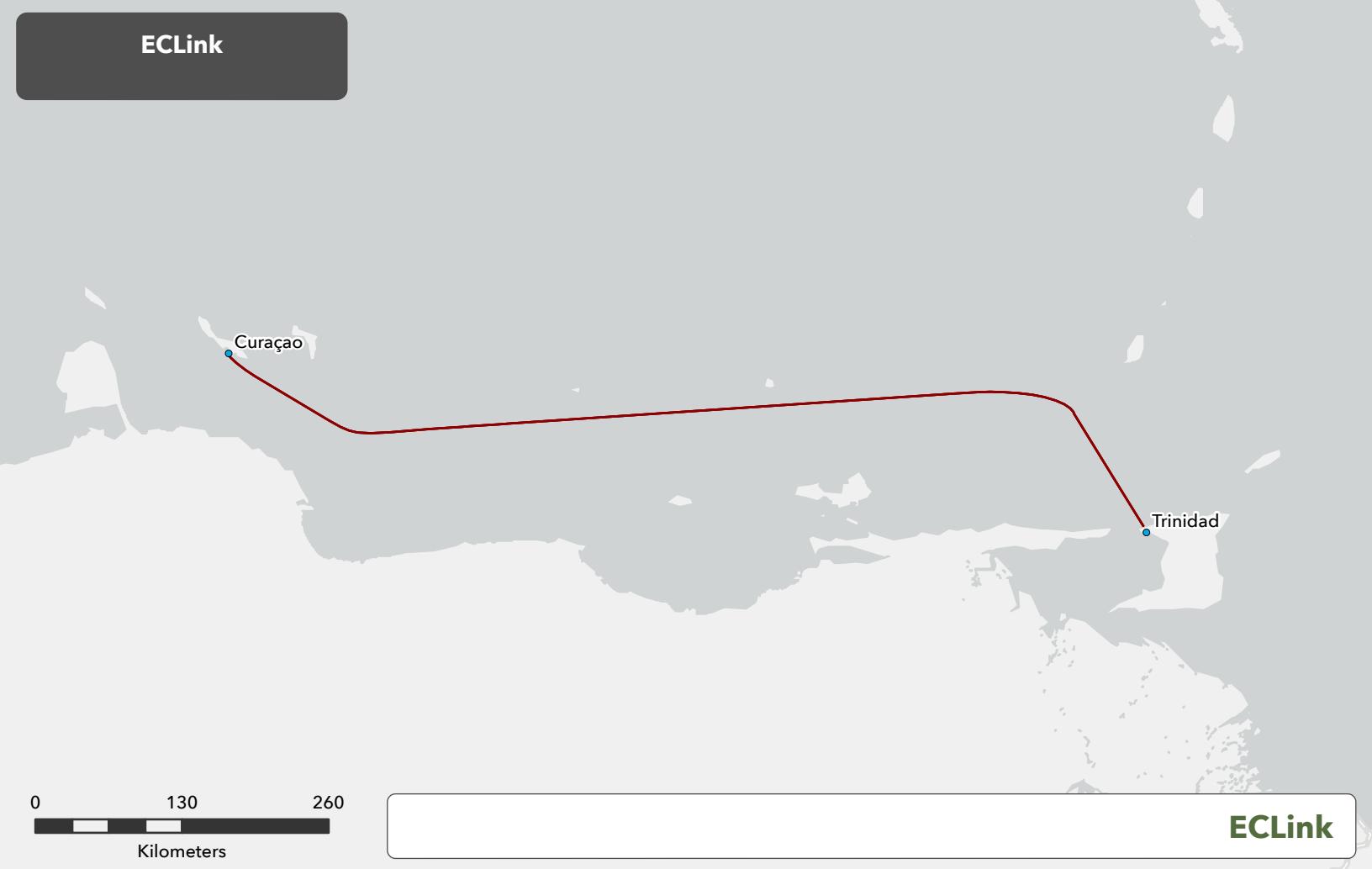
Dunant

SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$16,500,000
Length (km)	6,400
Design Capacity (Tbps)	250
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Google, Telxius

LANDING POINTS

City	State/Province	Country
Saint Hilaire	Aude	France
Virginia Beach	Virginia	United States



SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$31,000,000
Length (km)	1,240
Design Capacity (Tbps)	7.2
Fiber Pairs	12
Wavelengths per Fiber Pair	60
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, SubCom
System Installer	SubCom
Owner(s)	ASN, C&W, Columbus Networks, New World Network

LANDING POINTS

City	State/Province	Country
Curaçao		Curaçao
Trinidad	Trinidad	Trinidad and Tobago



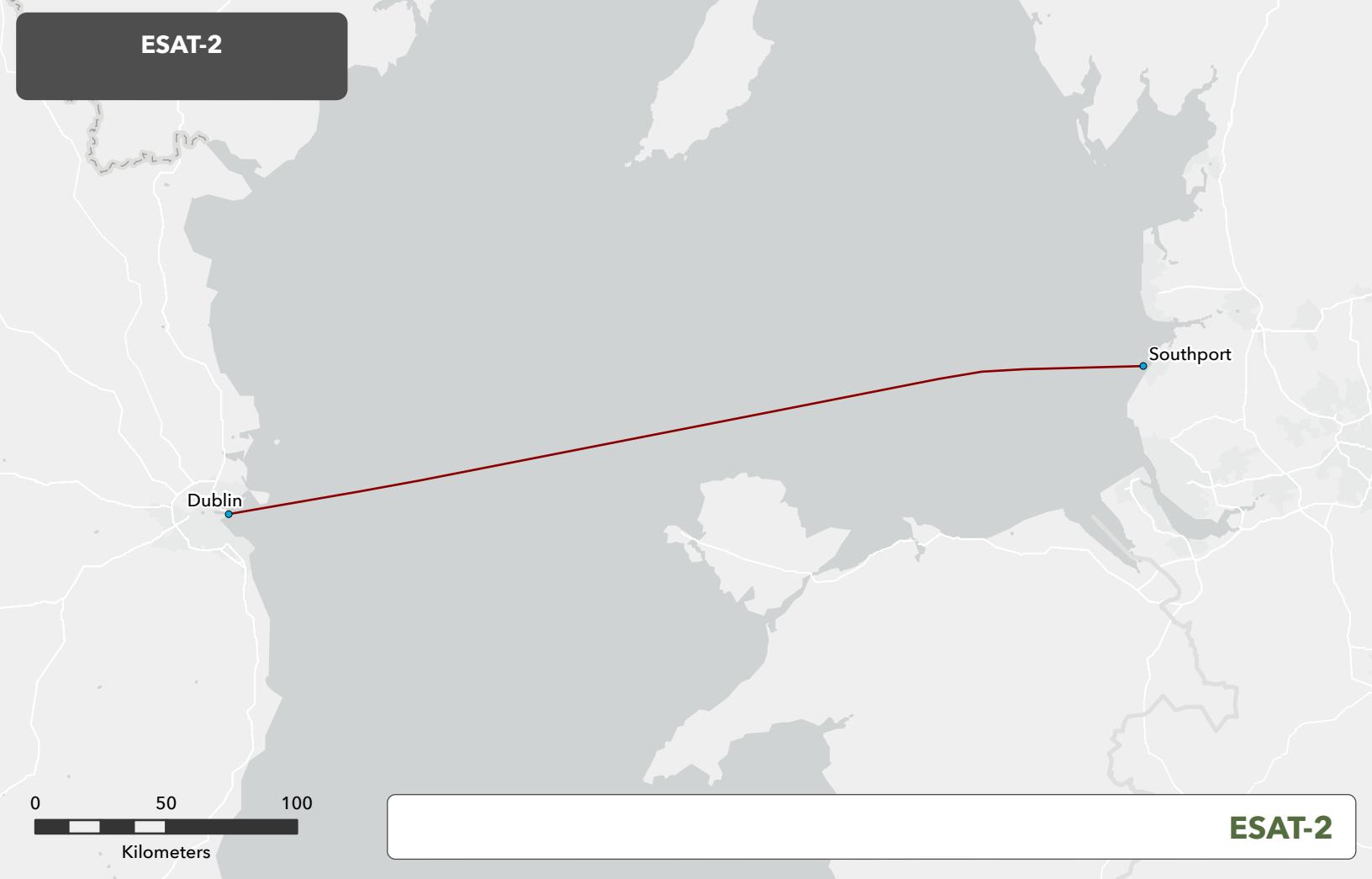
SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$70,000,000
Length (km)	15,000
Design Capacity (Tbps)	28
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Bharti Airtel Limited, BSNL, BT, C&W, Djibouti Telecom, Du, Gibtelecom, MTN Group, Omantel, Saudi Telecom Company, Telekom SA, Verizon

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Bude	England	United Kingdom
Fujairah	Fujairah	United Arab Emirates
Gibraltar		Gibraltar
Jeddah	Mecca	Saudi Arabia
Monte Carlo		Monaco
Mumbai	Maharashtra	India
Muscat	Muscat	Oman
Sesimbra	Lisbon	Portugal
Tripoli	Tripolitania	Libya
Zaafarana	Red Sea Governorate	Egypt

ESAT-2



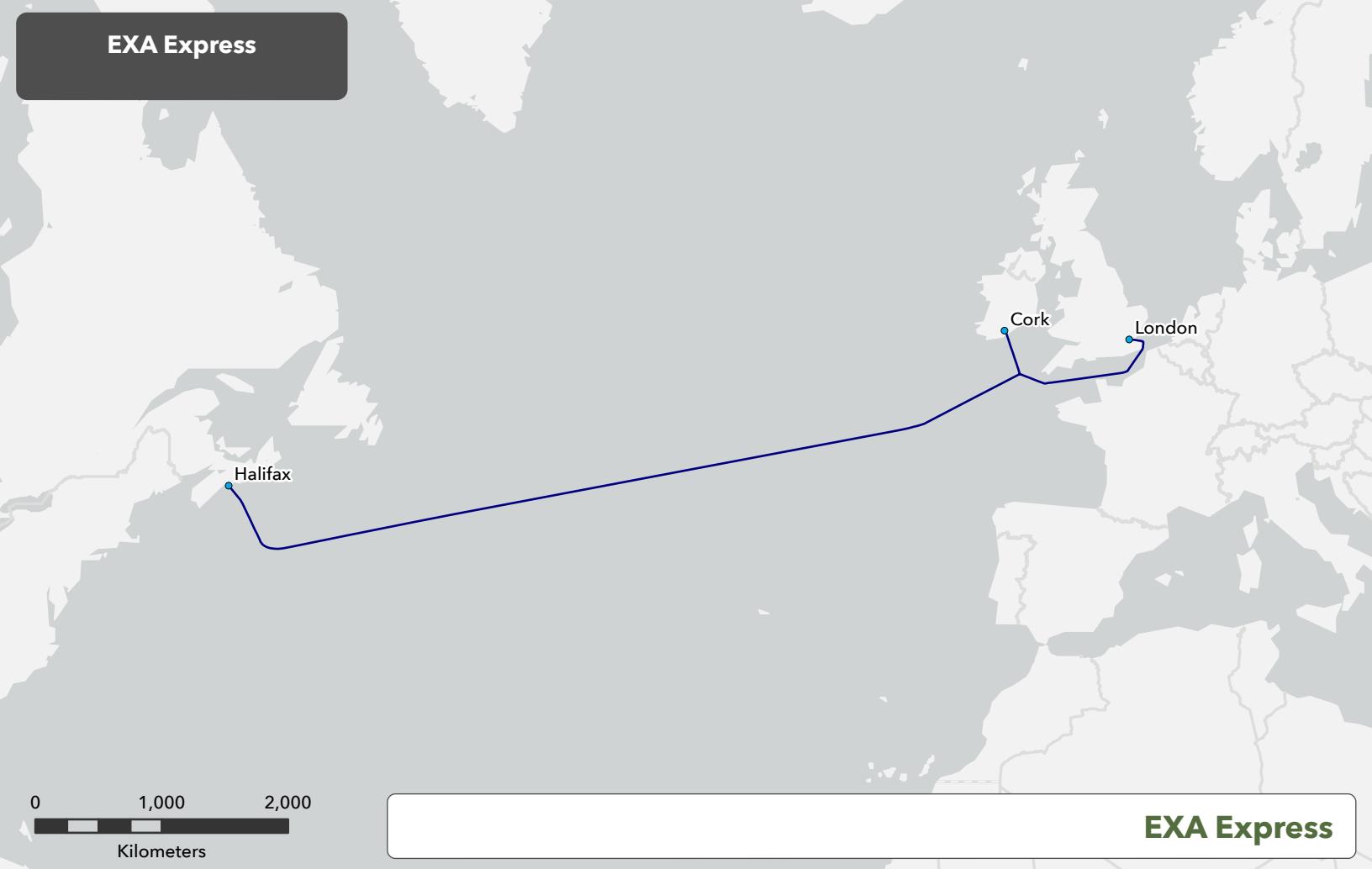
SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$6,833,000
Length (km)	238
Design Capacity (Tbps)	9.6
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom

LANDING POINTS

City	State/Province	Country
Dublin	Ireland	Ireland
Southport	England	United Kingdom

System Installer	ESAT, SubCom
Owner(s)	BT



SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$12,000,000
Length (km)	4,600
Design Capacity (Tbps)	53
Fiber Pairs	6
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	Not Available
Owner(s)	EXA Infrastructure

LANDING POINTS

City	State/Province	Country
Cork	Ireland	Ireland
Halifax	Nova Scotia	Canada
London	England	United Kingdom

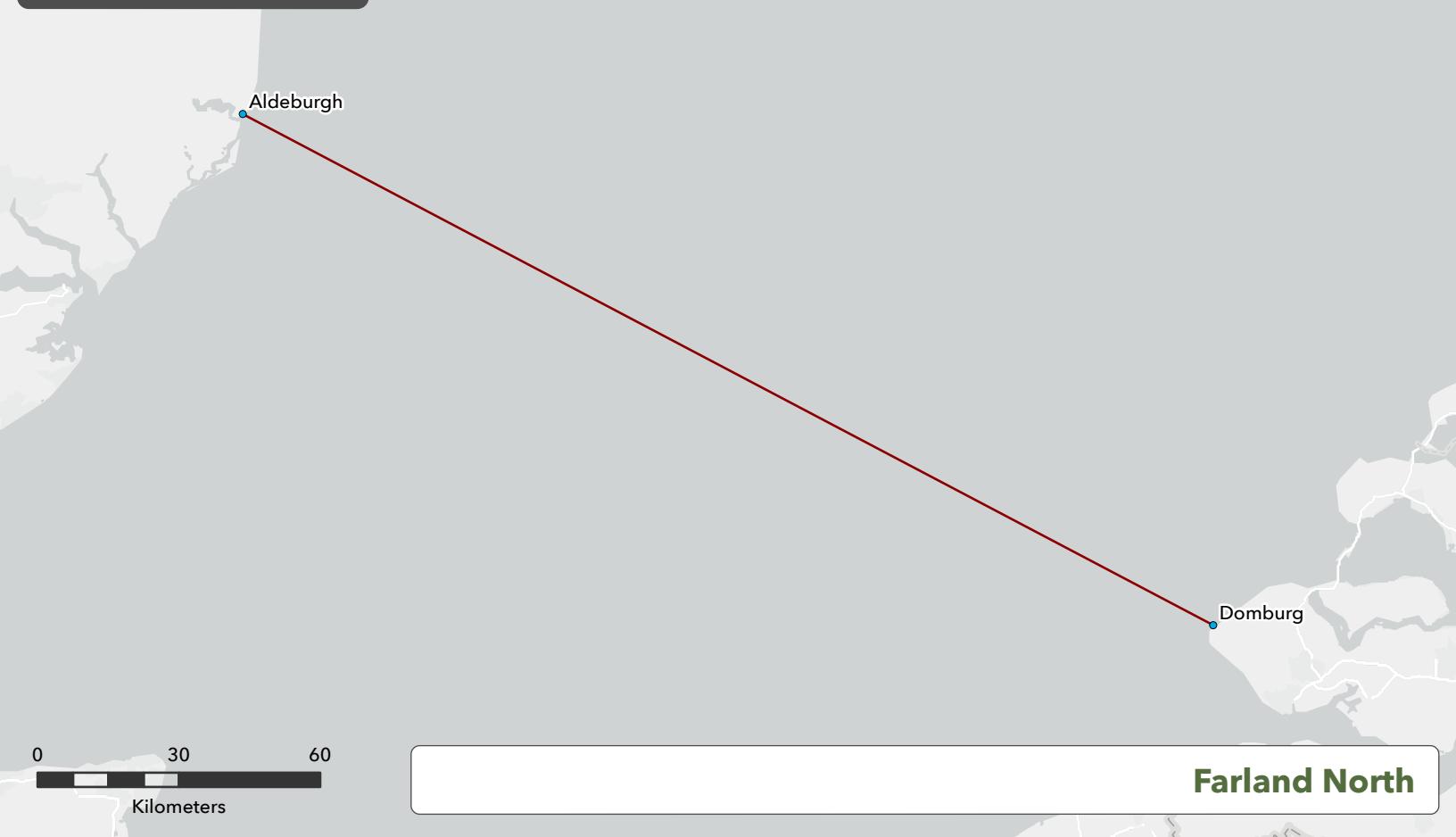


SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$32,000,000
Length (km)	12,111
Design Capacity (Tbps)	25
Fiber Pairs	4
Wavelengths per Fiber Pair	48
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	FCR, SubCom
Owner(s)	EXA Infrastructure

LANDING POINTS

City	State/Province	Country
Coleraine	Northern Ireland	United Kingdom
Dublin	Ireland	Ireland
Herring Cove	Nova Scotia	Canada
Lynn	Massachusetts	United States
Southport	England	United Kingdom



SYSTEM DETAILS

RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$10,000,000
Length (km)	149
Design Capacity (Tbps)	0.018
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	BT

LANDING POINTS

City	State/Province	Country
Aldeburgh	England	United Kingdom
Domburg	Zeeland	Netherlands

Myrtle Beach

Praia Grande

Punta
del Este

Las Toninas



Firmina

SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$36,292,500
Length (km)	14,517
Design Capacity (Tbps)	Not Available
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Las Toninas	Buenos Aires Province	Argentina
Myrtle Beach	South Carolina	United States
Praia Grande	São Paulo	Brazil
Punta del Este	Maldonado	Uruguay



SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$44,500,000
Length (km)	4,719
Design Capacity (Tbps)	51.2
Fiber Pairs	4
Wavelengths per Fiber Pair	128
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom

System Installer Not Available

Owner(s) Gulf Bridge International, Inc.

LANDING POINTS

City	State/Province	Country
Al Daayen	Al Daayen	Qatar
Al Hidd	Muhurraq Governorate	Bahrain
Al Khobar	Eastern Province	Saudi Arabia
Al Seeb	Muscat	Oman
Al-Faw	Al-Faw	Iraq
Bushehr	Bushehr	Iran
Fujairah	Fujairah	United Arab Emirates
Kuwait City	Al Asimah	Kuwait
Mumbai	Maharashtra	India



SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$61,000,000
Length (km)	22,690
Design Capacity (Tbps)	9.2
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	200
System Supplier	SubCom
System Installer	Not Available
Owner(s)	GlobeNet

LANDING POINTS

City	State/Province	Country
Barranquilla	Atlántico	Colombia
Boca Raton	Florida	United States
Fortaleza	Ceará	Brazil
Maiquetia	Vargas	Venezuela
Rio de Janeiro	Rio de Janeiro	Brazil
Saint David's		Bermuda
Tuckerton	New Jersey	United States

Grace Hopper



Grace Hopper

SYSTEM DETAILS

RFS Year	2023
EOS Year	2048
Est. System Cost (USD)	\$17,000,000
Length (km)	7,191
Design Capacity (Tbps)	352
Fiber Pairs	16
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Bilbao	Biscay	Spain
Bude	England	United Kingdom
New York	New York	United States



0 490 980 Kilometers

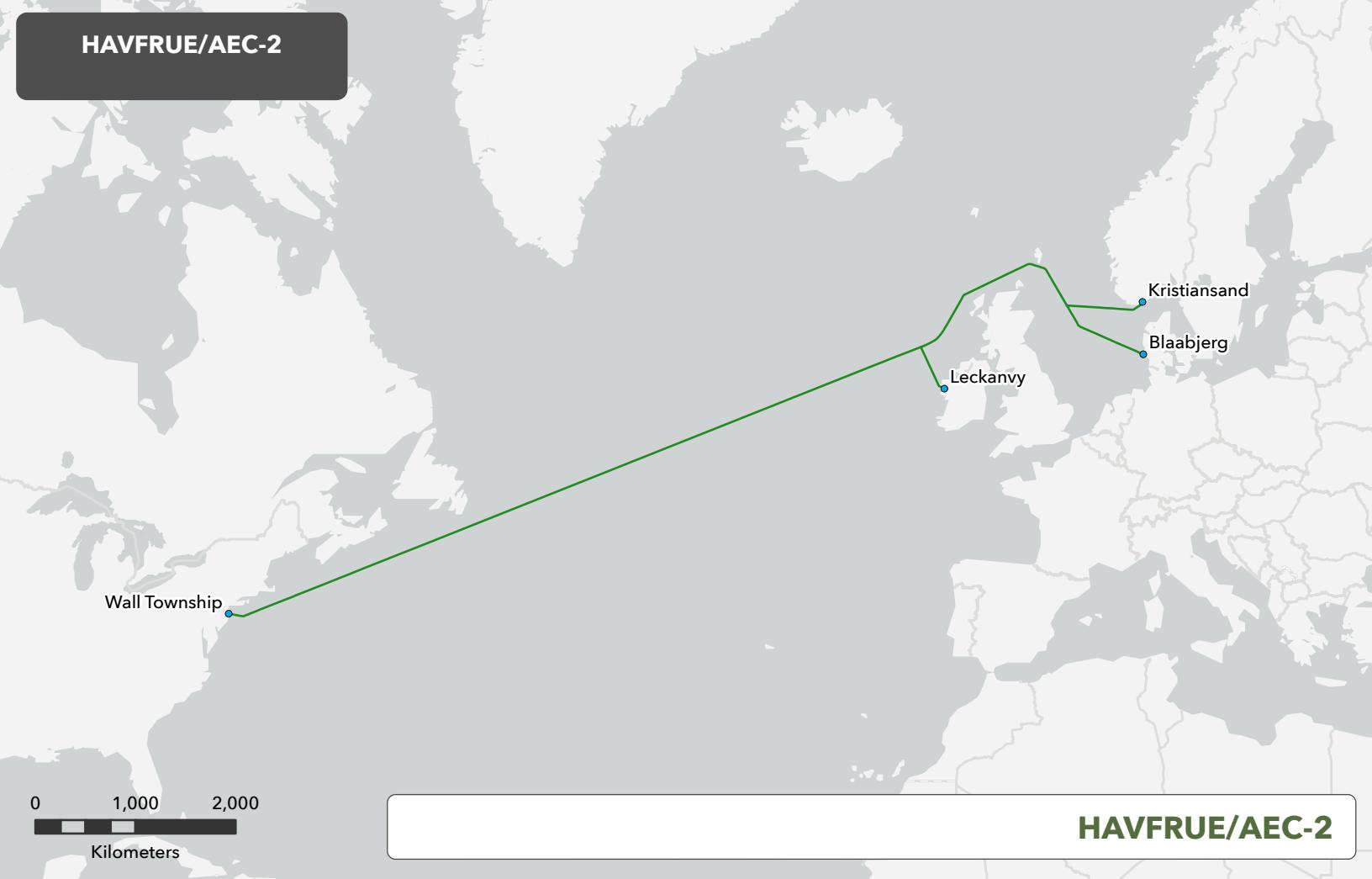
Hantru-1

SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$13,000,000
Length (km)	2,908
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Federated States of Micronesia Telecommunications Authority, Hannon Armstrong Capital

LANDING POINTS

City	State/Province	Country
Kwajalein Atoll		Marshall Islands
Majuro		Marshall Islands
Piti		Guam
Pohnpei	Pohnpei	Micronesia



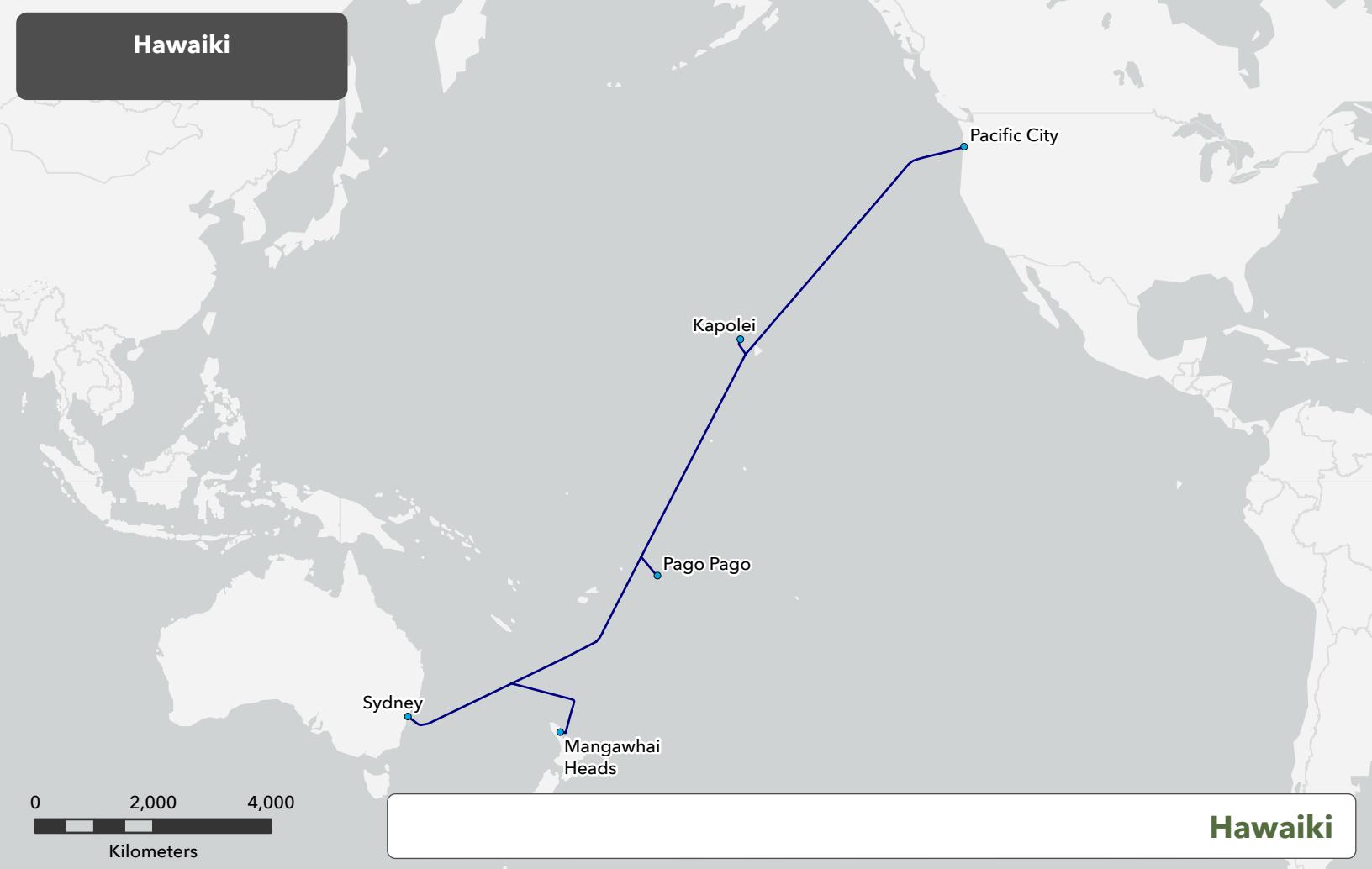
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$20,000,000
Length (km)	7,300
Design Capacity (Tbps)	108
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Aqua Comms Limited, Bulk Infrastructure AS, Google, Meta

LANDING POINTS

City	State/Province	Country
Blaabjerg	Syddanmark	Denmark
Kristiansand	Agder	Norway
Leckanny	Ireland	Ireland
Wall Township	New Jersey	United States

Hawaiki

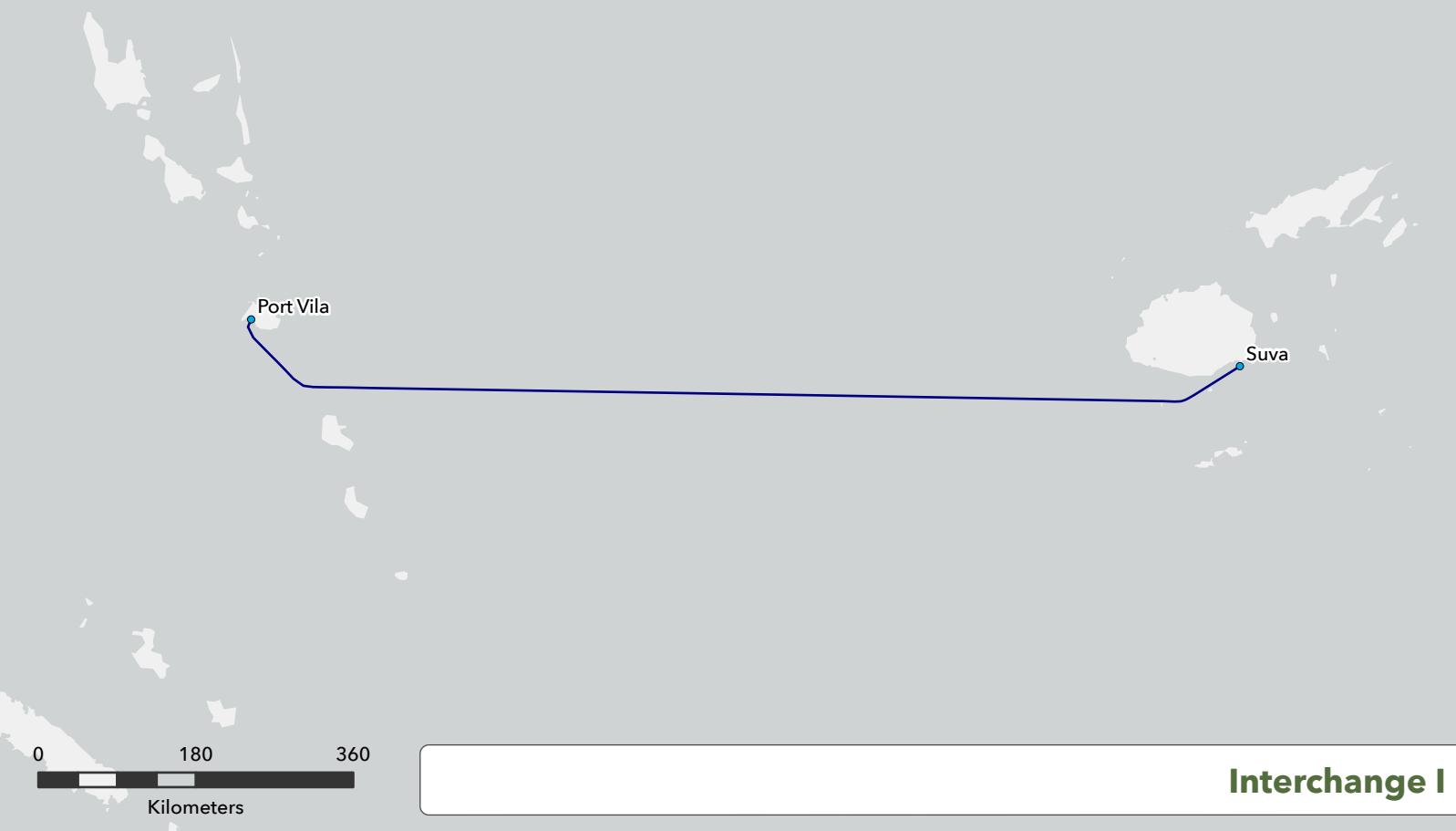


SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$35,000,000
Length (km)	15,000
Design Capacity (Tbps)	67
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	500
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Hawaiki Submarine Cable

LANDING POINTS

City	State/Province	Country
Kapolei	Hawaii	United States
Mangawhai Heads	Northland	New Zealand
Pacific City	Oregon	United States
Pago Pago	Tu'utuila	American Samoa
Sydney	New South Wales	Australia

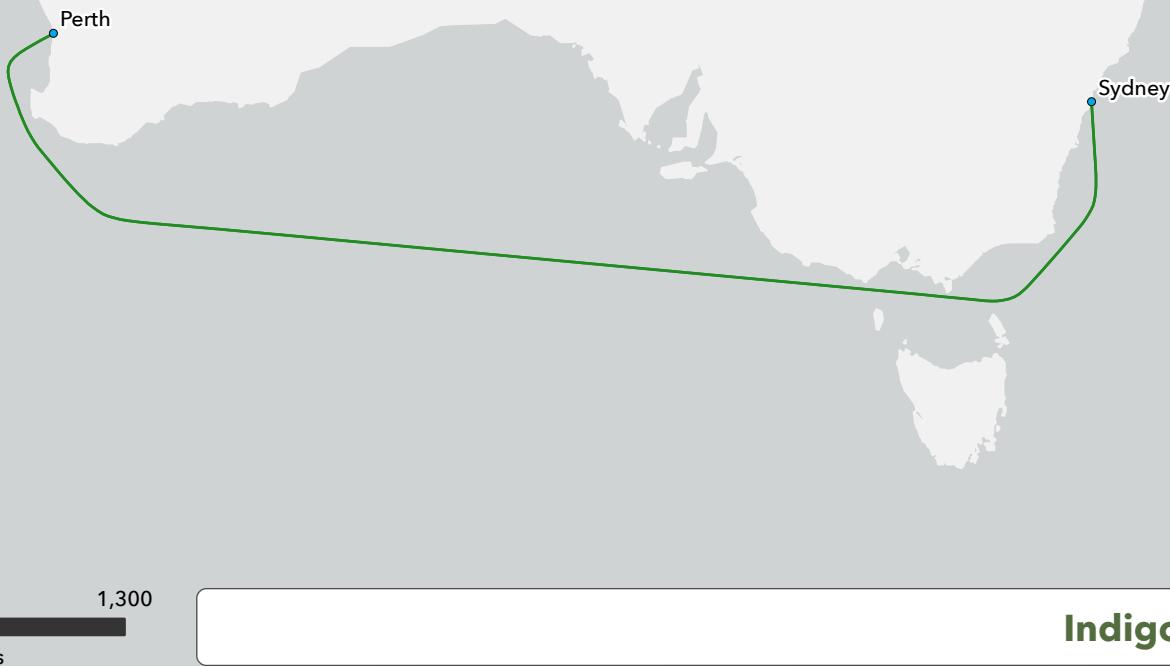


SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$32,000,000
Length (km)	1,259
Design Capacity (Tbps)	0.32
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	ICL - Interchange Limited

LANDING POINTS

City	State/Province	Country
Port Vila	Efate	Vanuatu
Suva	Rewa	Fiji

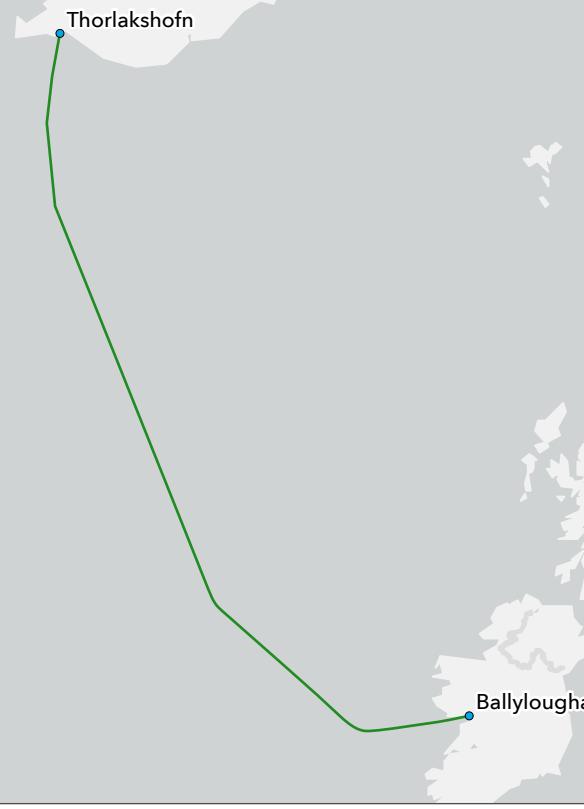


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$15,000,000
Length (km)	4,850
Design Capacity (Tbps)	36
Fiber Pairs	2
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, SubCom
System Installer	ASN
Owner(s)	Google, SubPartners

LANDING POINTS

City	State/Province	Country
Perth	Western Australia	Australia
Sydney	New South Wales	Australia



0 600 1,200
Kilometers

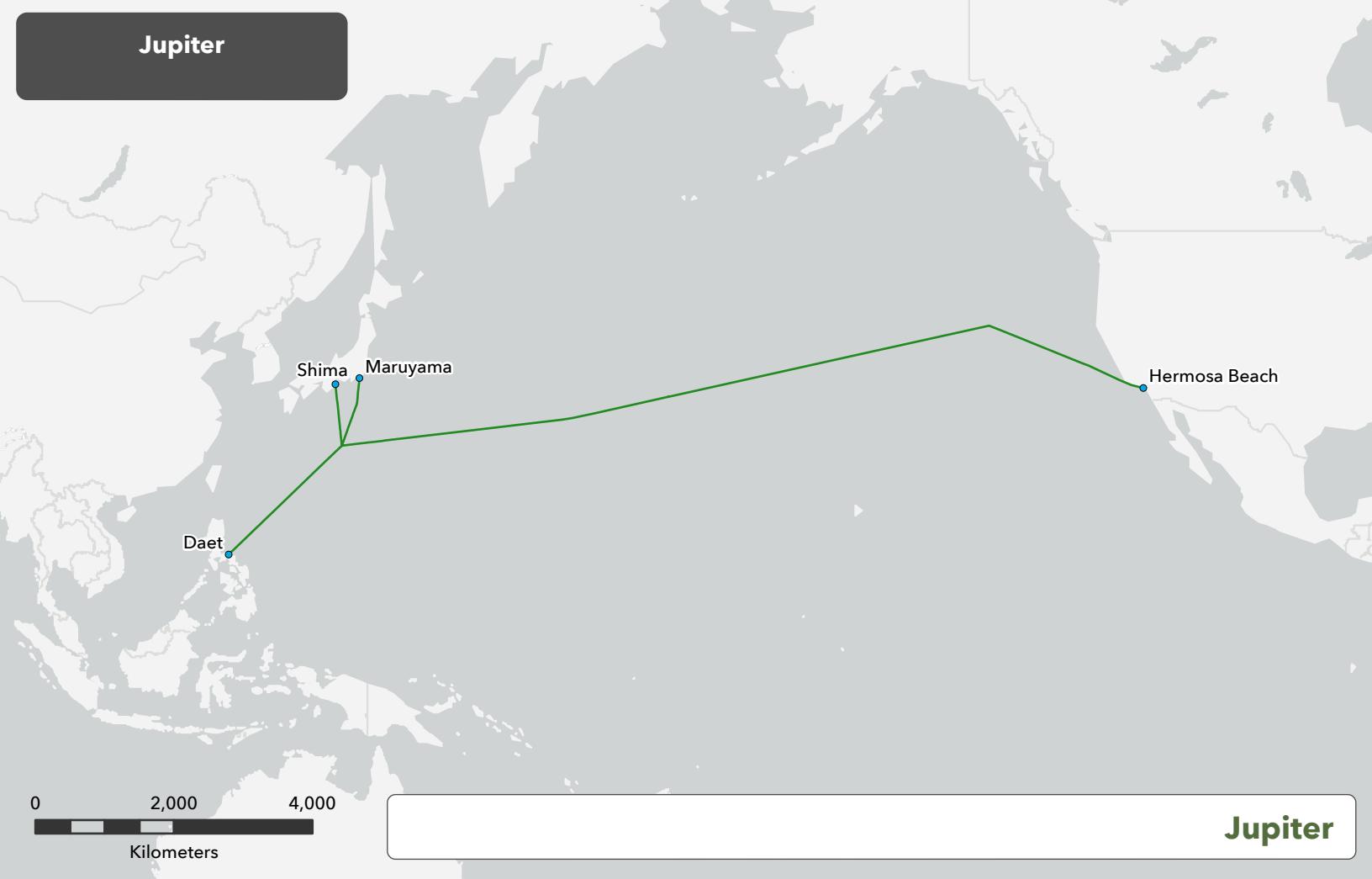
IRIS

SYSTEM DETAILS

RFS Year	2023
EOS Year	2048
Est. System Cost (USD)	\$42,500,000
Length (km)	1,770
Design Capacity (Tbps)	132
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Farice ehf

LANDING POINTS

City	State/Province	Country
Galway	Connaught	Ireland
Thirlakshofn	Ölfus	Iceland

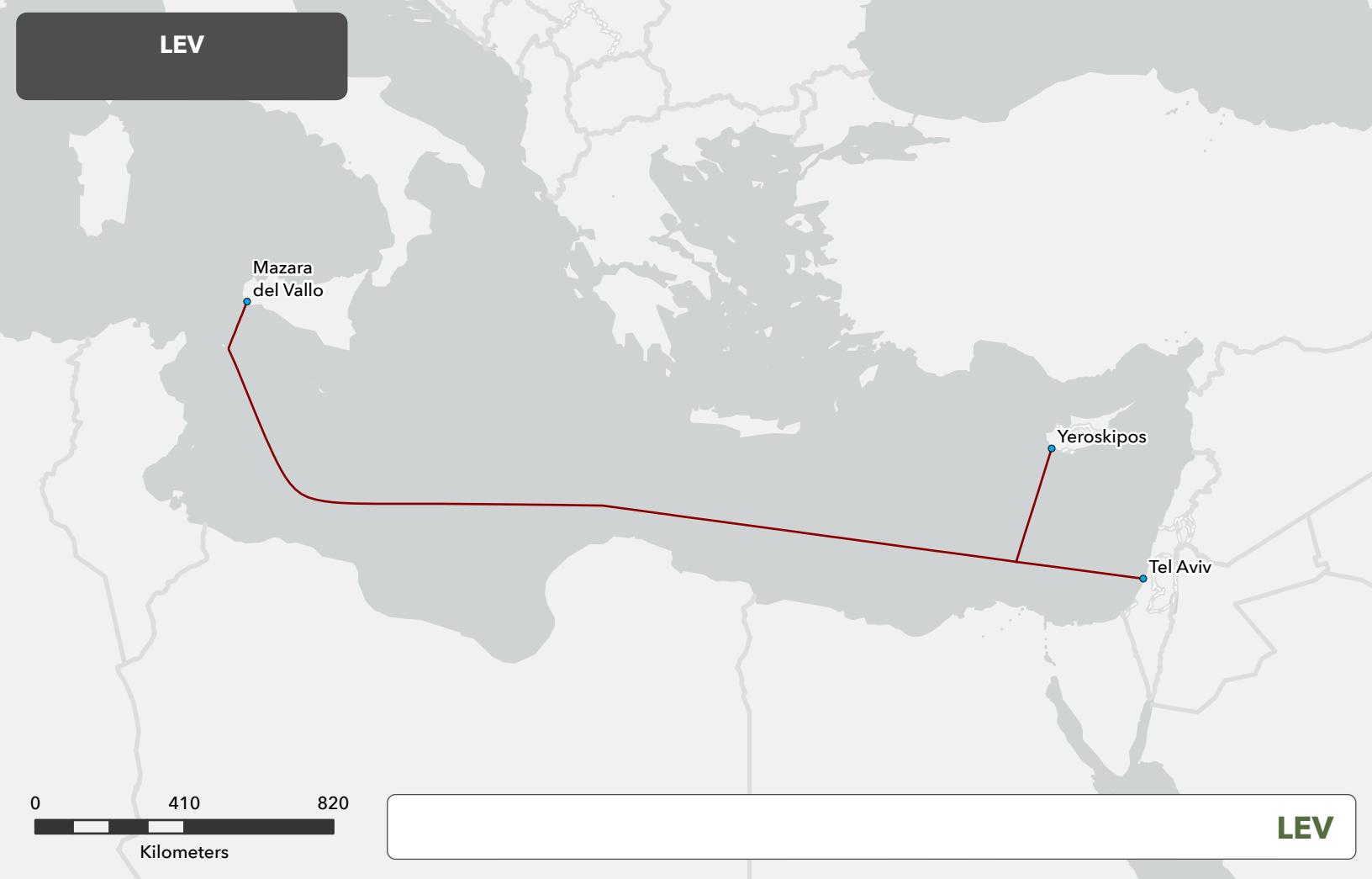


SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$36,442,500
Length (km)	14,577
Design Capacity (Tbps)	60
Fiber Pairs	5
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Amazon, Meta, NTT, PCCW Global, PLDT, SoftBank Mobile Corporation

LANDING POINTS

City	State/Province	Country
Daet	Camarines Norte	Philippines
Hermosa Beach	California	United States
Maruyama	Chiba	Japan
Shima	Mie	Japan



SYSTEM DETAILS

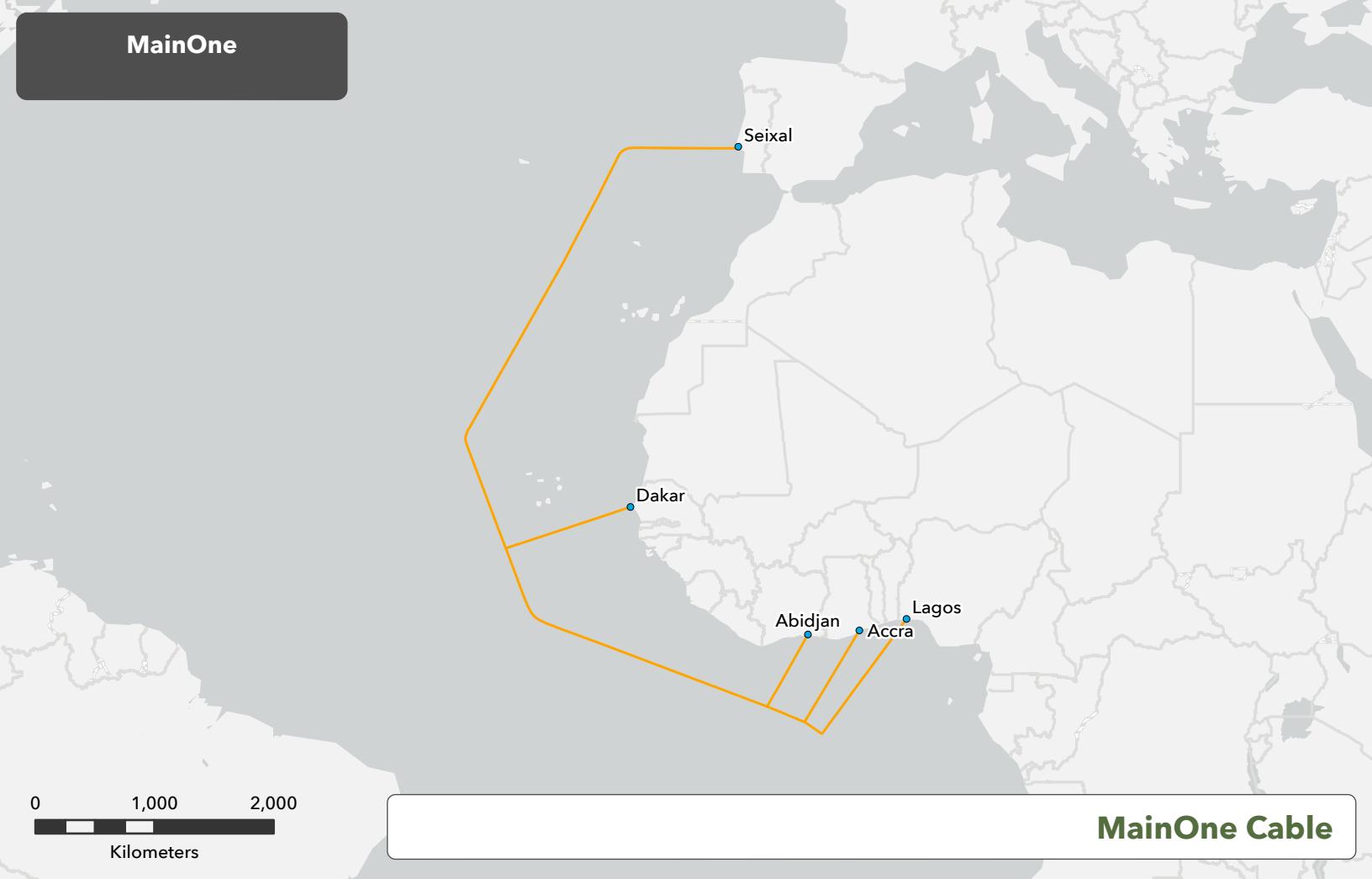
RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$17,500,000
Length (km)	2,600
Design Capacity (Tbps)	0.0025
Fiber Pairs	2
Wavelengths per Fiber Pair	8
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom

System Installer ASN, Orange, SubCom

Owner(s) Cyprus Telecommunications Authority

LANDING POINTS

City	State/Province	Country
Mazara del Vallo	Sicily	Italy
Tel Aviv	Tel Aviv	Israel
Yeroskipos	Paphos	Cyprus

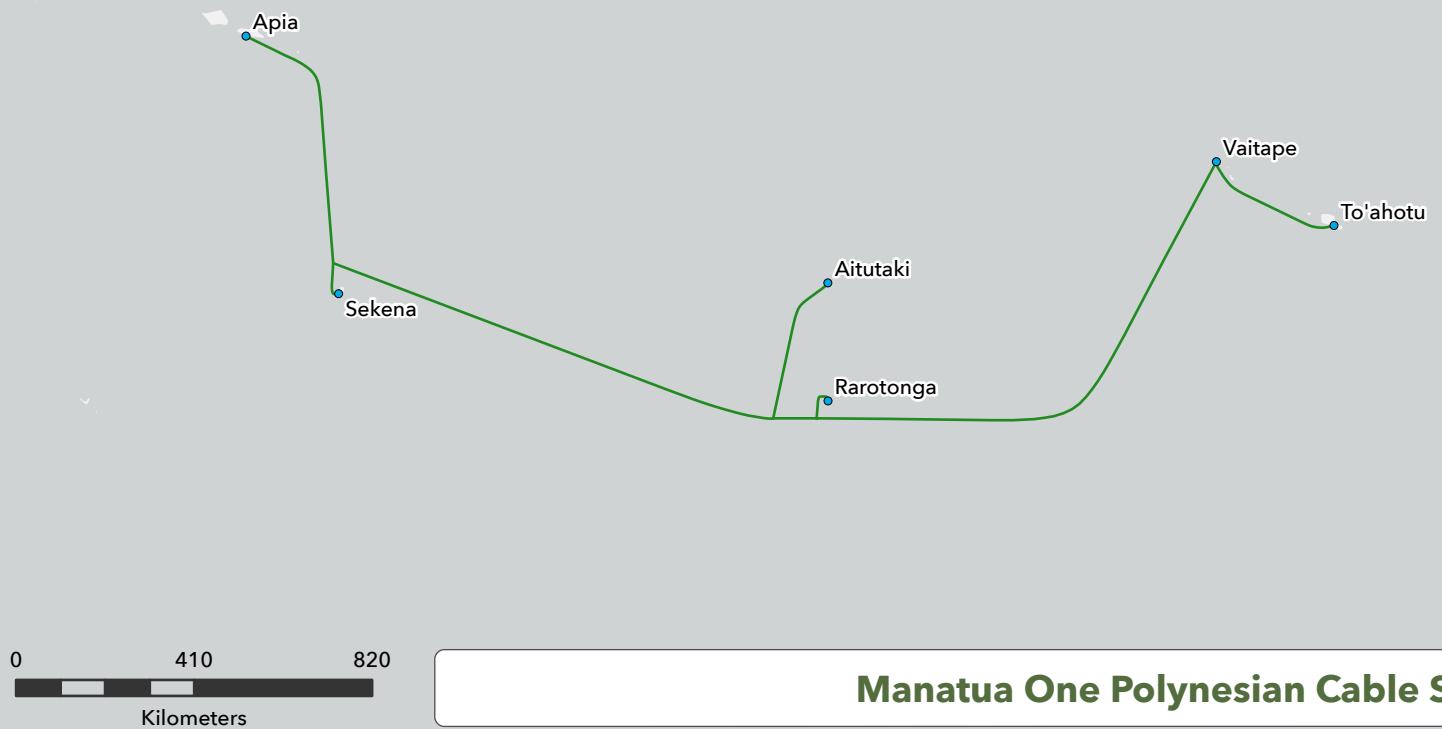


SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$24,000,000
Length (km)	7,000
Design Capacity (Tbps)	10
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	Orange
Owner(s)	MainOne Cable Company

LANDING POINTS

City	State/Province	Country
Abidjan		Ivory Coast
Accra	Greater Accra Region	Ghana
Dakar	Dakar	Senegal
Lagos	Lagos	Nigeria
Seixal	Lisbon	Portugal



SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$10,000,000
Length (km)	3,634
Design Capacity (Tbps)	10
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom

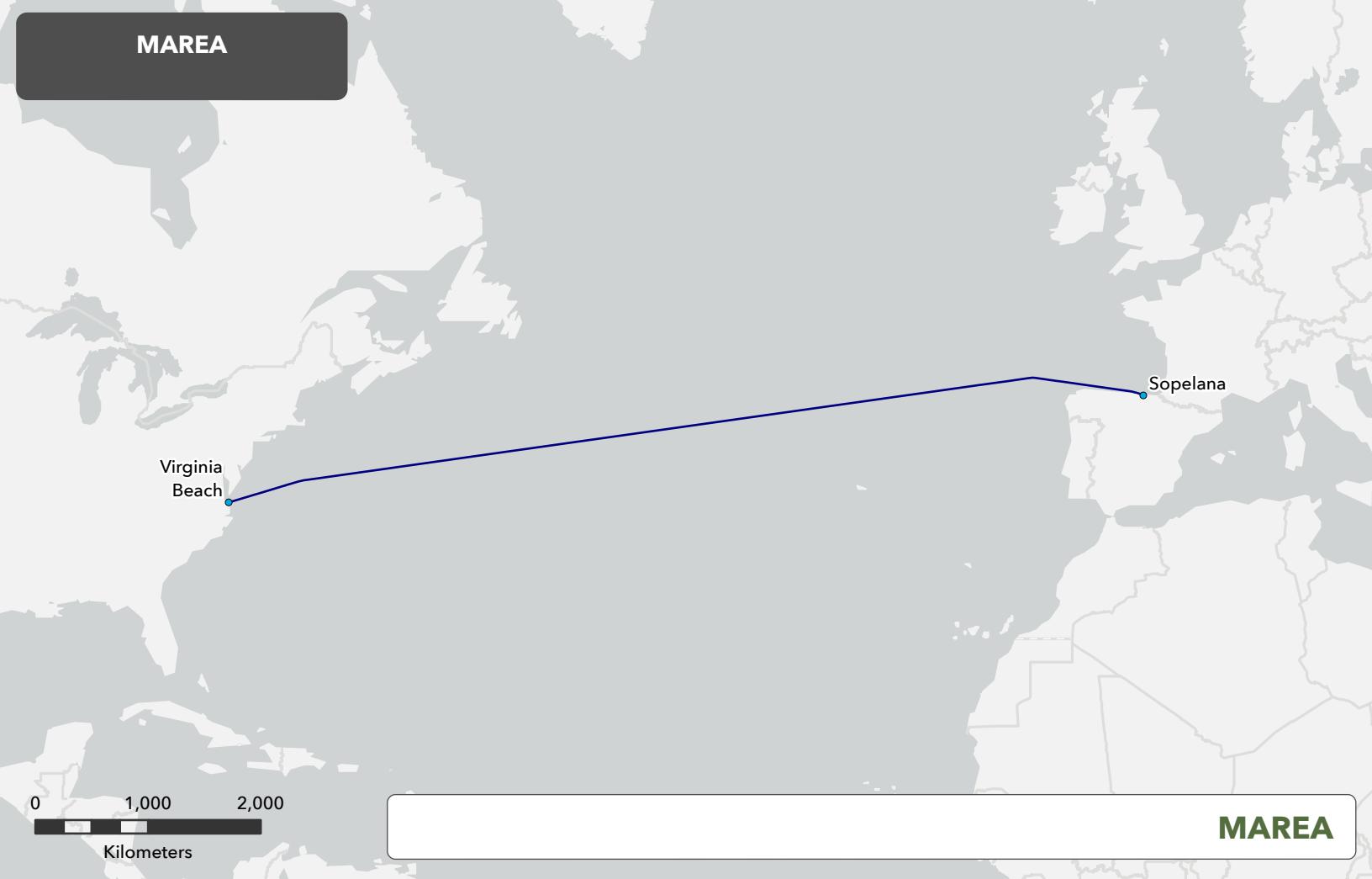
System Installer	Not Available
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Owner(s)	Avaroa Cable Ltd., Manatua Cable Consortium, OPT French Polynesia, Samoa Submarine Cable Company, Telecom Niue Limited
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LANDING POINTS

City	State/Province	Country
Aitutaki		Cook Islands
Apia	Tuamasaga	Samoa
Rarotonga		Cook Islands
Sekena		Niue
To'ahotu		French Polynesia
Vaitape		French Polynesia

MAREA



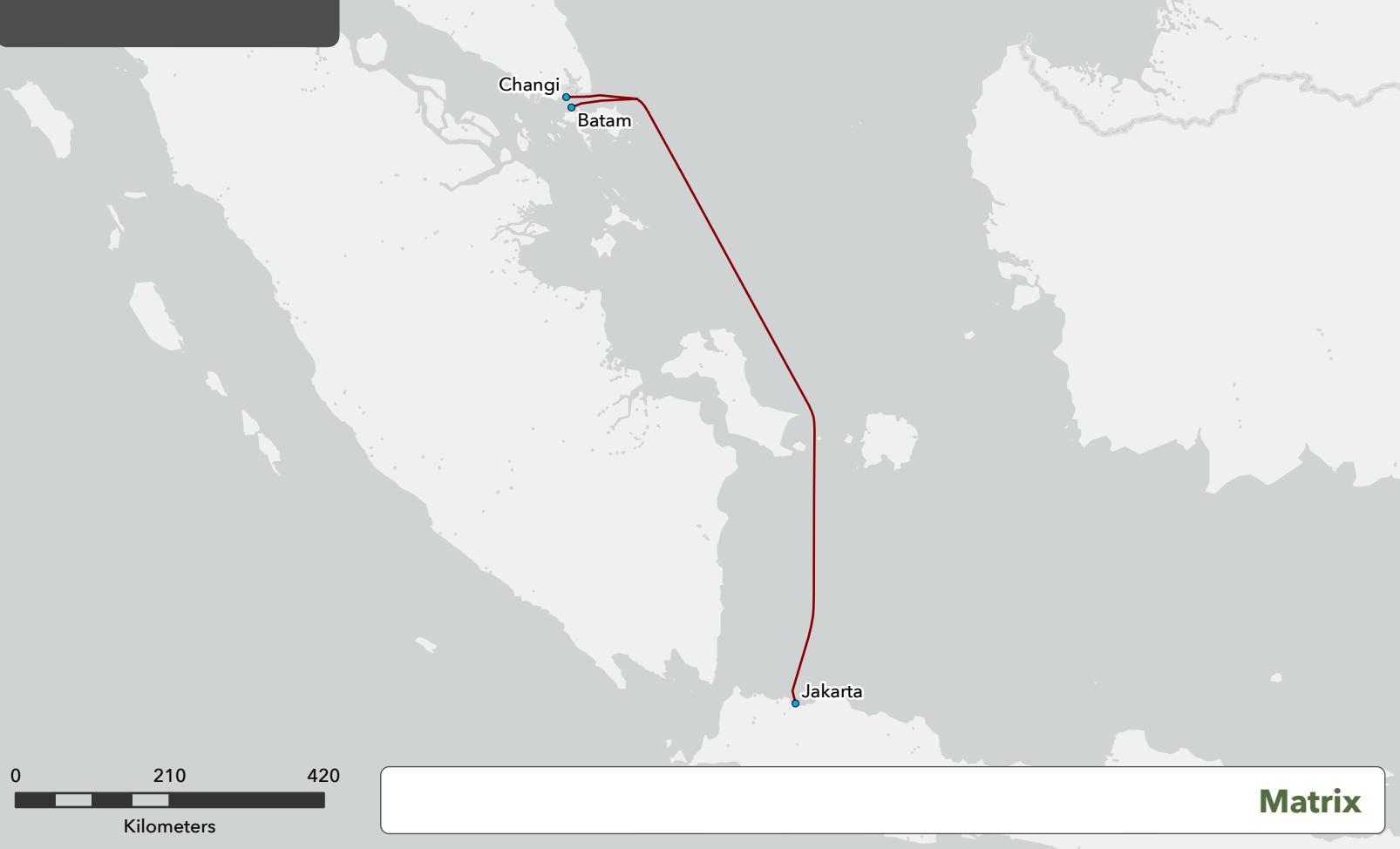
SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$16,500,000
Length (km)	6,600
Design Capacity (Tbps)	209.6
Fiber Pairs	8
Wavelengths per Fiber Pair	65
Capacity per Wavelength (Gbps)	400
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Meta, Microsoft, Telxius

LANDING POINTS

City	State/Province	Country
Sopelana	Biscay	Spain
Virginia Beach	Virginia	United States

Matrix



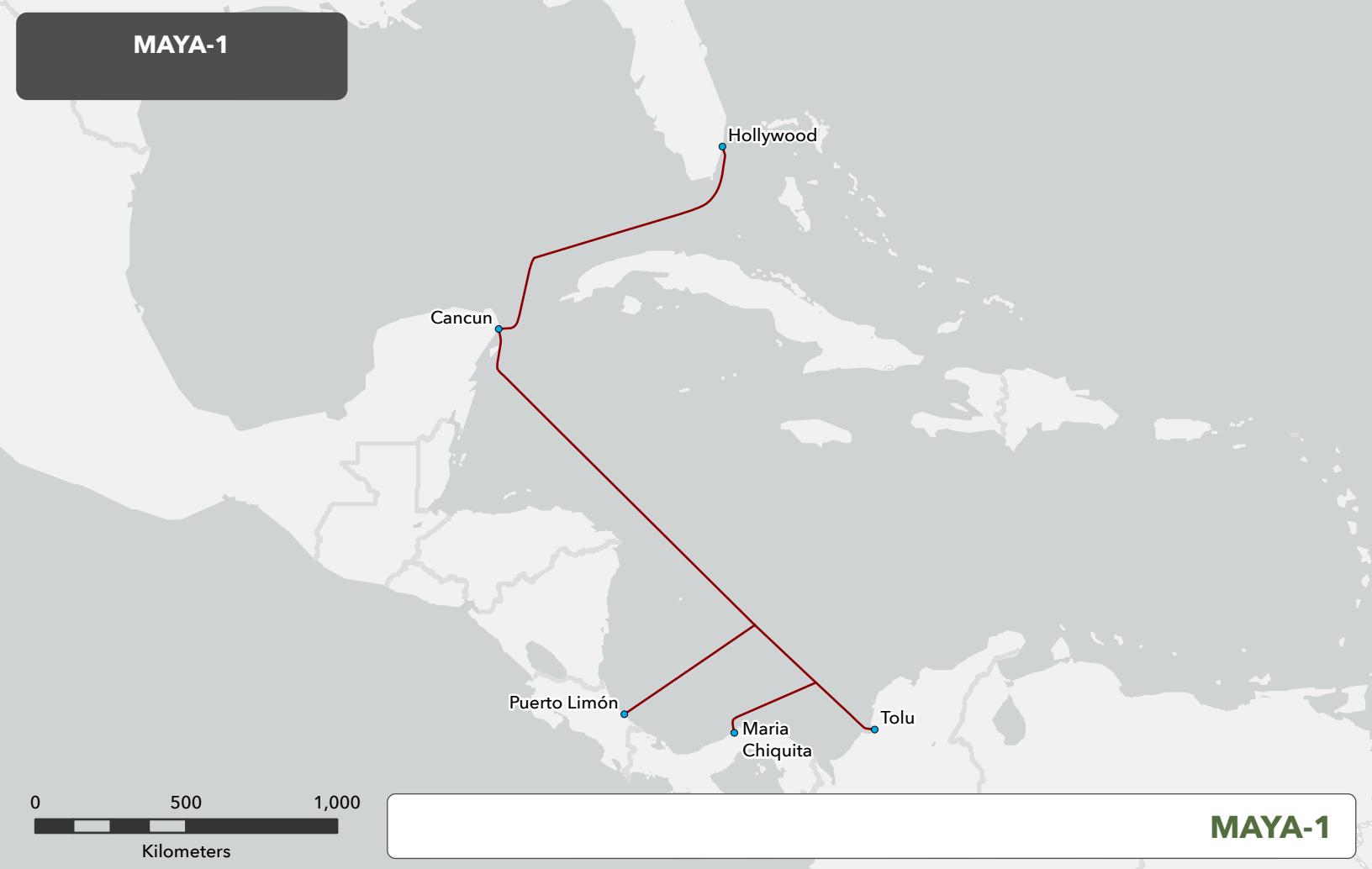
SYSTEM DETAILS

RFS Year	2008
EOS Year	2032
Est. System Cost (USD)	\$30,000,000
Length (km)	1,438
Design Capacity (Tbps)	2.56
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Global Marine Systems Limited
Owner(s)	Matrix Networks, NAP Info

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Changi	East Region	Singapore
Jakarta	Jakarta	Indonesia

MAYA-1



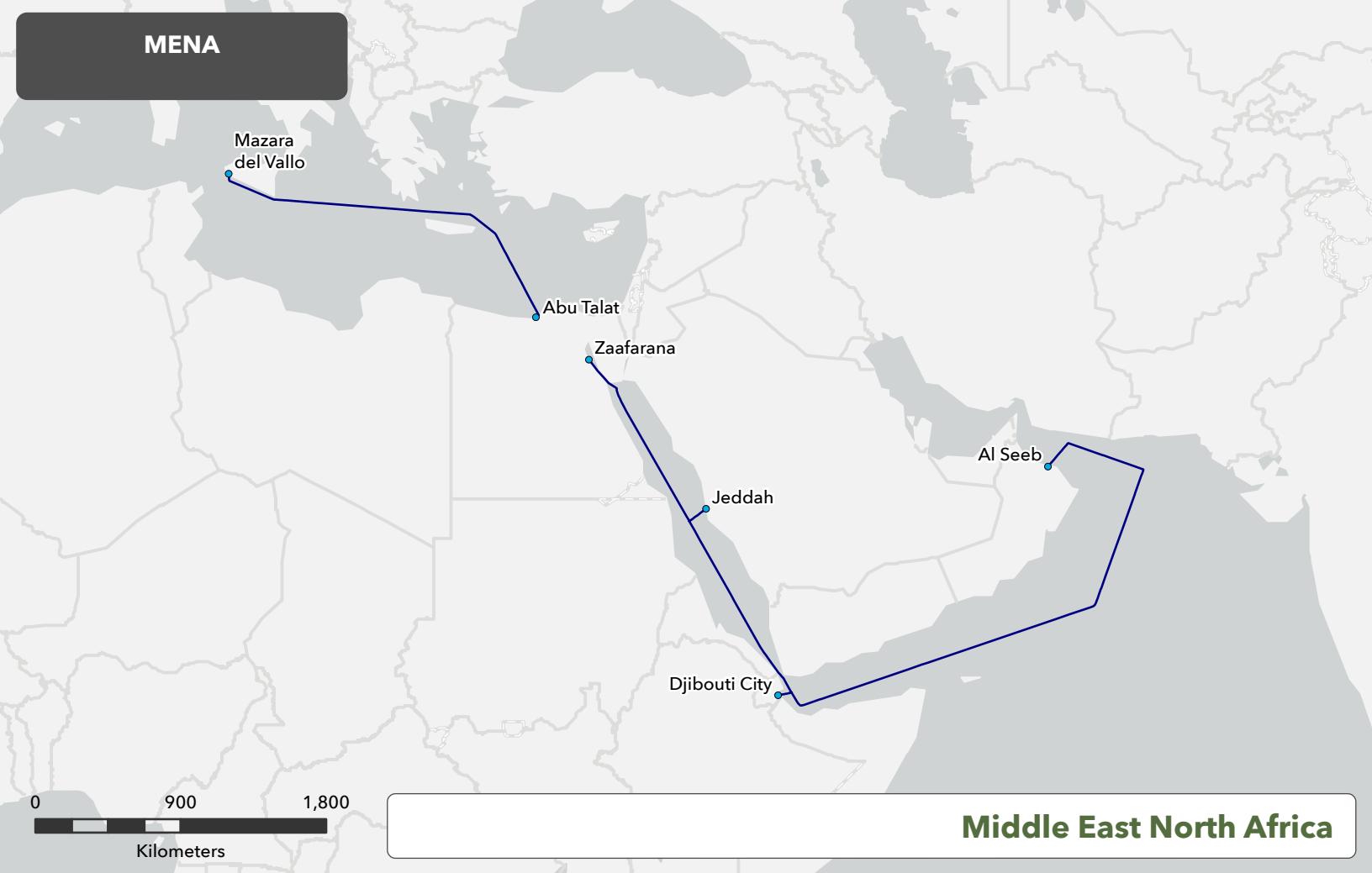
SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$12,000,000
Length (km)	4,506
Design Capacity (Tbps)	0.9225
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	ASN, Orange, SubCom
Owner(s)	MAYA-1 Consortium

LANDING POINTS

City	State/Province	Country
Cancun	Quintana Roo	Mexico
Hollywood	Florida	United States
Maria Chiquita	Colón	Panama
Puerto Limón	Limón Province	Costa Rica
Tolu	Sucre	Colombia

MENA



SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$21,000,000
Length (km)	8,800
Design Capacity (Tbps)	57.6
Fiber Pairs	6
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom

System Installer	ASN, Elettra
Owner(s)	MENA Submarine Cable Systems, Telecom Egypt

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Al Seeb	Muscat	Oman
Djibouti City	Djibouti	Djibouti
Jeddah	Mecca	Saudi Arabia
Mazara del Vallo	Sicily	Italy
Zaafarana	Red Sea Governorate	Egypt



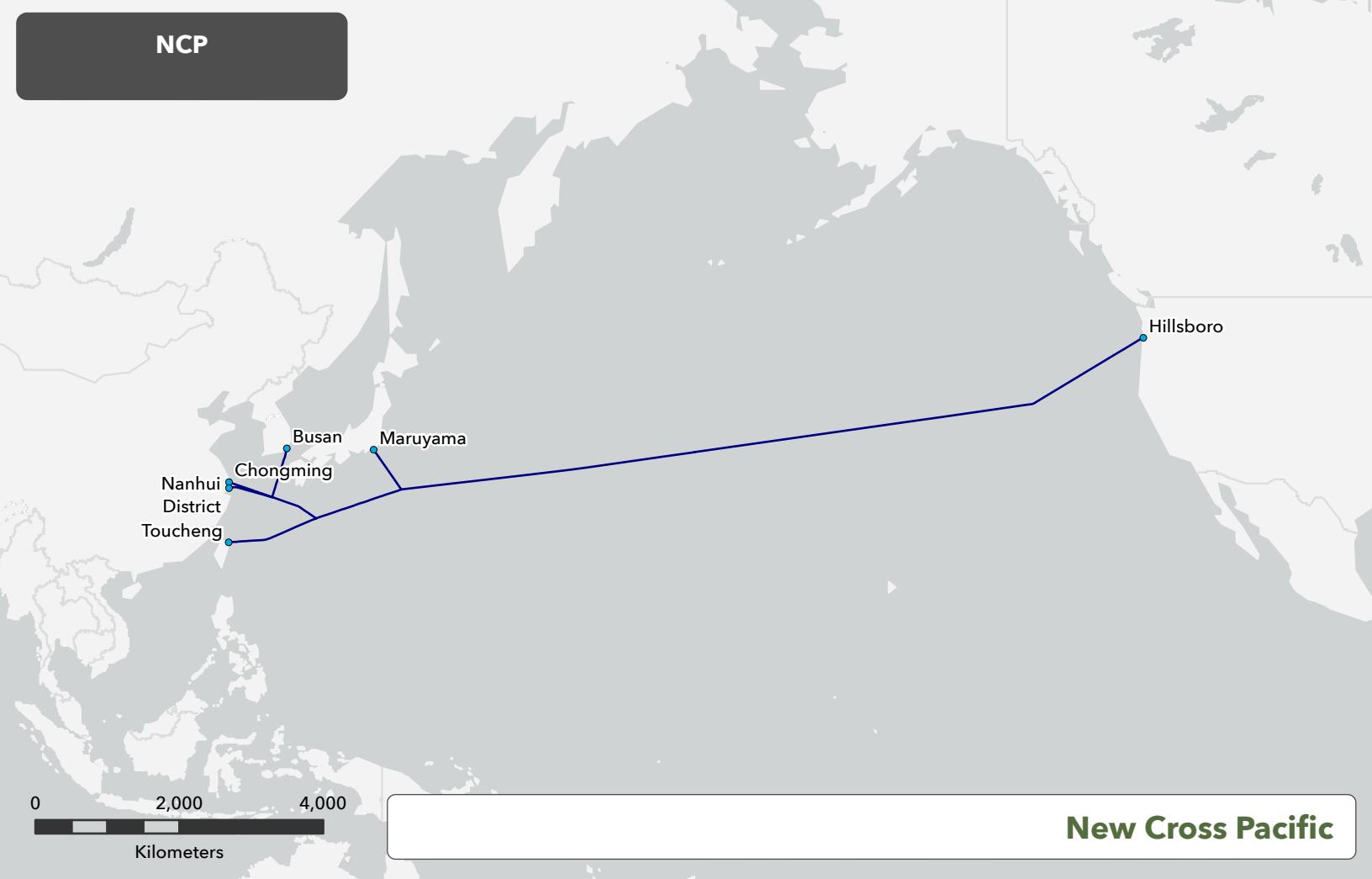
SYSTEM DETAILS

RFS Year	2017
EOS Year	2041
Est. System Cost (USD)	\$28,000,000
Length (km)	10,556
Design Capacity (Tbps)	60
Fiber Pairs	6
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom

LANDING POINTS

City	State/Province	Country
Boca Raton	Florida	United States
Fortaleza	Ceará	Brazil
Santos	São Paulo	Brazil

System Installer	SubCom
Owner(s)	Algar Telecom, Angola Cables, Antel, Google



SYSTEM DETAILS

RFS Year	2018
EOS Year	2043
Est. System Cost (USD)	\$35,000,000
Length (km)	13,618
Design Capacity (Tbps)	70
Fiber Pairs	7
Wavelengths per Fiber Pair	120
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom

LANDING POINTS

City	State/Province	Country
Busan	Yeongnam	South Korea
Chongming	Shanghai	China
Hillsboro	Oregon	United States
Maruyama	Chiba	Japan
Nanhui District	Shanghai	China
Toucheng	Yilan	Taiwan

System Installer	Not Available
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Owner(s)	China Mobile, China Telecom Corporation, China Unicom, Chunghwa Telecom Co., KT Corporation, Microsoft, SoftBank Mobile Corporation
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**SYSTEM DETAILS**

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$24,250,000
Length (km)	9,800
Design Capacity (Tbps)	39
Fiber Pairs	3
Wavelengths per Fiber Pair	135
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	SUB.CO

LANDING POINTS

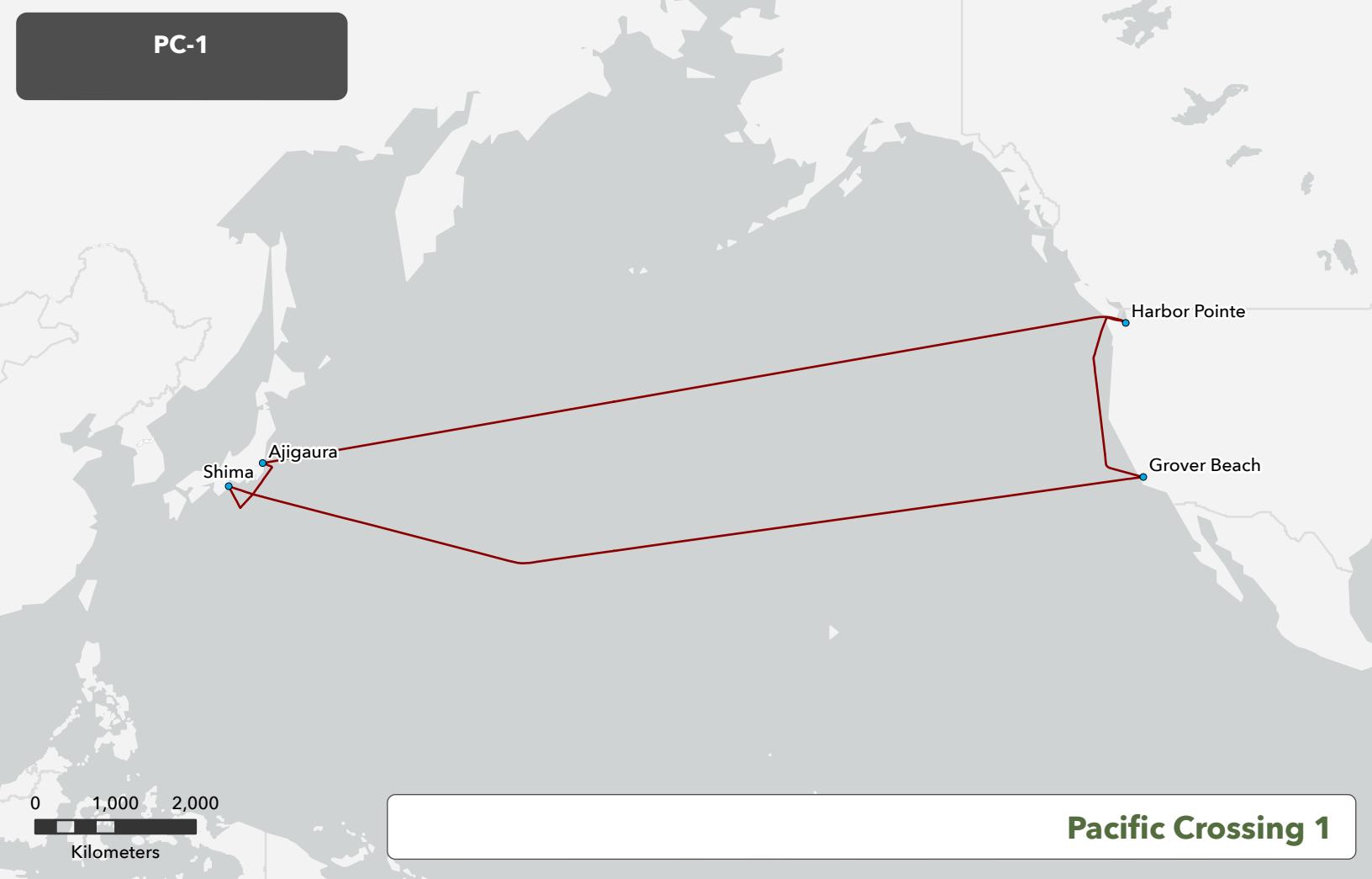
City	State/Province	Country
Barka	Al Bāṭinah	Oman
Cocos (Keeling) Islands		Australia
Perth	Western Australia	Australia

**SYSTEM DETAILS**

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$35,000,000
Length (km)	9,451
Design Capacity (Tbps)	3.2
Fiber Pairs	2
Wavelengths per Fiber Pair	16
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	SubCom
Owner(s)	CenturyLink

LANDING POINTS

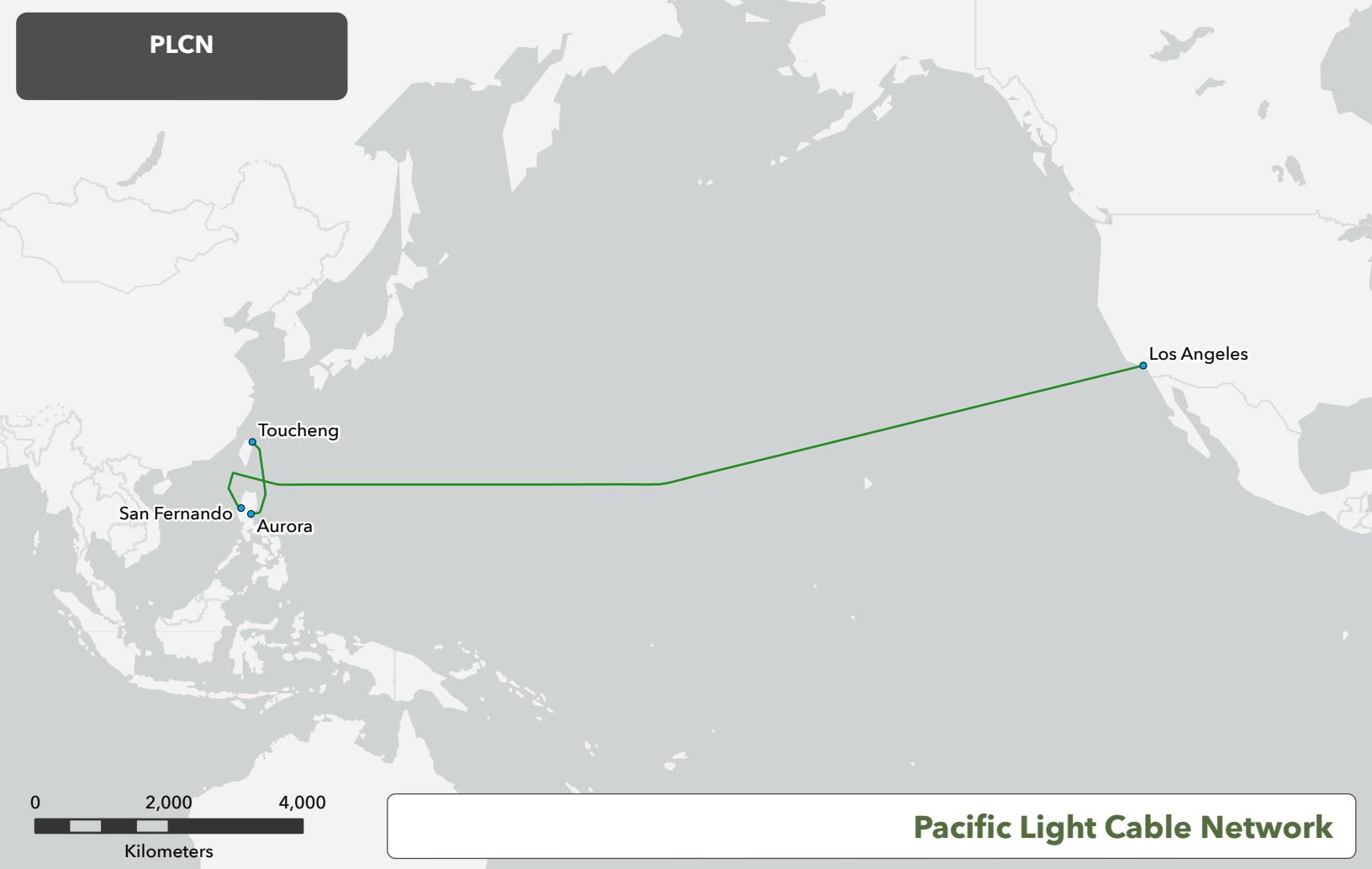
City	State/Province	Country
Colon	Colón	Panama
Fort Amador	Panama City	Panama
Grover Beach	California	United States
Mazatlán	Sinaloa	Mexico
Puerto Viejo	Nueva Esparta	Venezuela
	St. Croix	U.S. Virgin Islands
Tijuana	Baja California	Mexico

**SYSTEM DETAILS**

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$65,000,000
Length (km)	20,910
Design Capacity (Tbps)	8.4
Fiber Pairs	4
Wavelengths per Fiber Pair	20
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	SubCom
Owner(s)	NTT

LANDING POINTS

City	State/Province	Country
Ajigaura	Ibaraki	Japan
Grover Beach	California	United States
Harbor Pointe	Washington	United States
Shima	Mie	Japan



SYSTEM DETAILS

RFS Year	2020
EOS Year	2044
Est. System Cost (USD)	\$30,000,000
Length (km)	12,900
Design Capacity (Tbps)	144
Fiber Pairs	6
Wavelengths per Fiber Pair	240
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Google, Meta, Pacific Light Data Communications Co., Ltd.

LANDING POINTS

City	State/Province	Country
Aurora		Philippines
Los Angeles	California	United States
San Fernando	La Union	Philippines
Toucheng	Yilan	Taiwan



SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$18,000,000
Length (km)	7,185
Design Capacity (Tbps)	12
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	150
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Pipe Networks

LANDING POINTS

City	State/Province	Country
Madang	Madang Province	Papua New Guinea
Piti		Guam
Sydney	New South Wales	Australia



SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$35,000,000
Length (km)	13,669
Design Capacity (Tbps)	0.44
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	FCR, SubCom
Owner(s)	FT, TATA Communications, Telekom Malaysia Berhad, Telekom SA

LANDING POINTS

City	State/Province	Country
Baie du Jacotet	Savanne	Mauritius
Cape Town	Western Cape	South Africa
Cochin	Kerala	India
Durban	KwaZulu-Natal	South Africa
Penang	Penang	Malaysia
Saint-Paul		Réunion

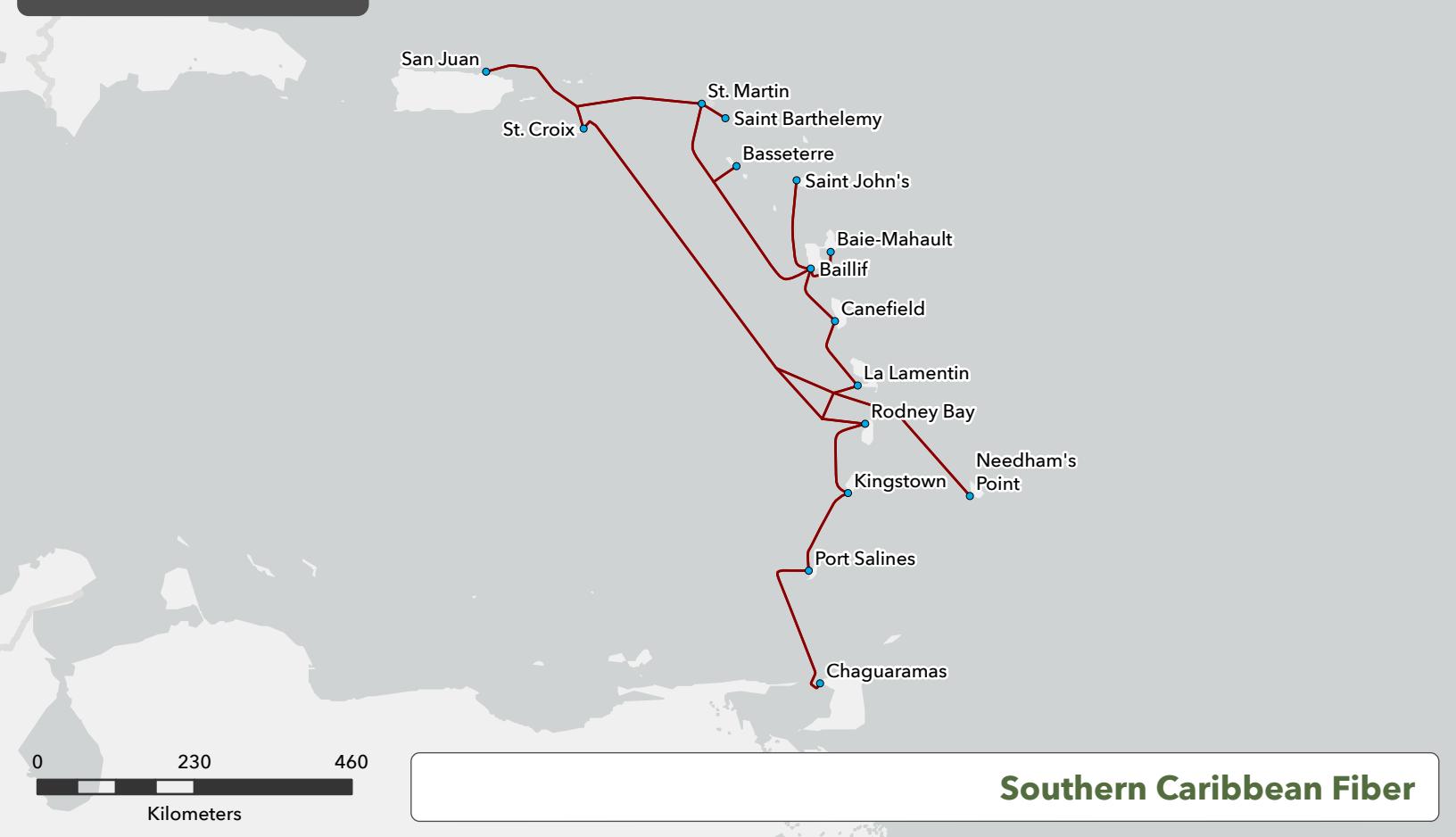


SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$65,000,000
Length (km)	24,140
Design Capacity (Tbps)	19.2
Fiber Pairs	4
Wavelengths per Fiber Pair	48
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Telxius

LANDING POINTS

City	State/Province	Country
Arica	Arica y Parinacota	Chile
Barranquilla	Atlántico	Colombia
Boca Raton	Florida	United States
Fortaleza	Ceará	Brazil
Las Toninas	Buenos Aires Province	Argentina
Lurin	Lima	Peru
Mancora	Mancora	Peru
Puerto Barrios	Izabal	Guatemala
Puerto San Jose	Escuintla	Guatemala
Rio de Janeiro	Rio de Janeiro	Brazil
Salinas	Santa Elena	Ecuador
Salvador	Bahia	Brazil
San Juan		Puerto Rico
Santos	São Paulo	Brazil
Valparaiso	Valparaiso	Chile

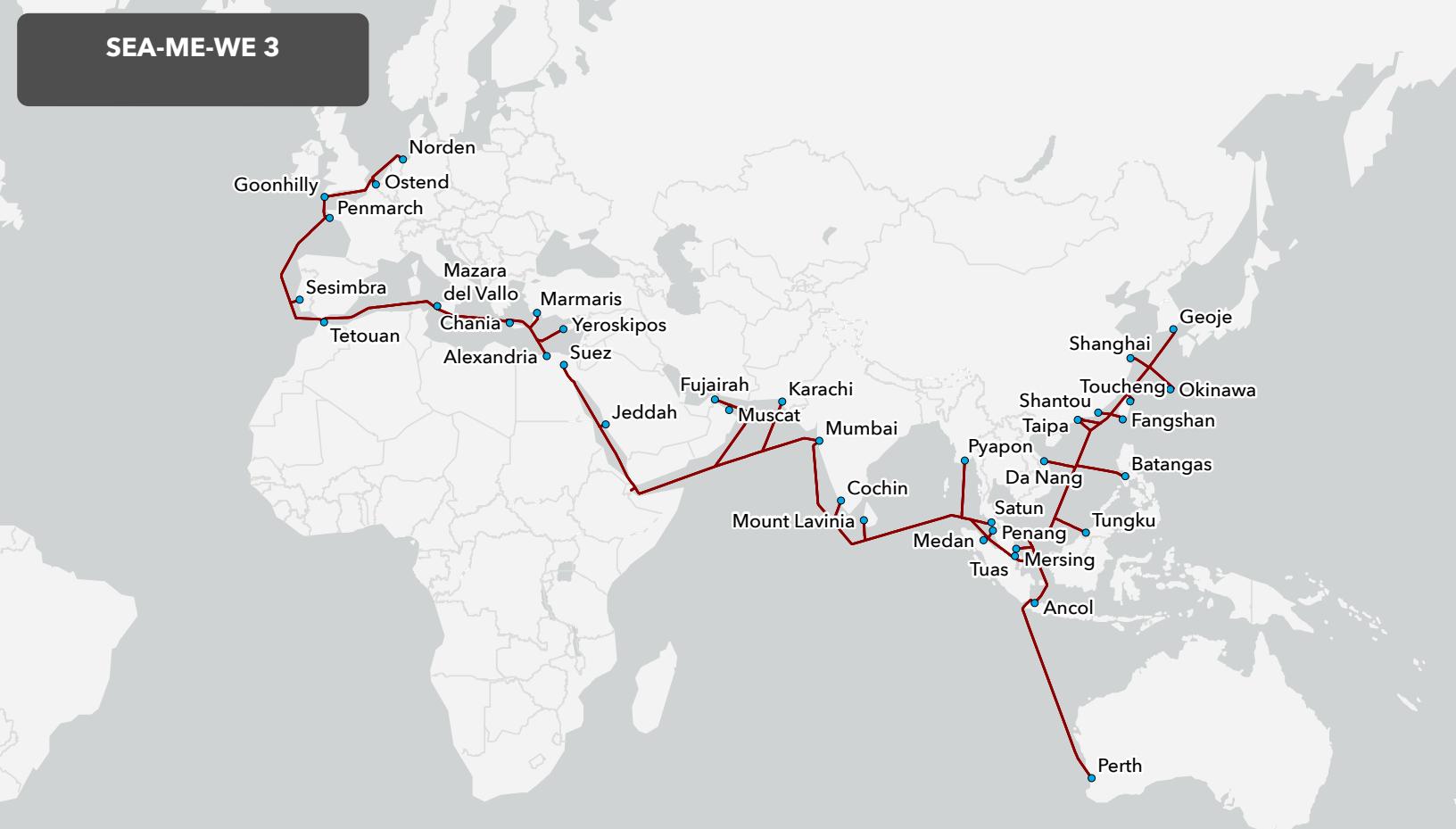


SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$52,500,000
Length (km)	2,100
Design Capacity (Tbps)	1.28
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, SubCom
System Installer	ASN, SubCom
Owner(s)	Digicel, Group Loret

LANDING POINTS

City	State/Province	Country
Baie-Mahault	Guadeloupe	France
Baillif	Guadeloupe	France
Basseterre	Saint Kitts	St. Kitts and Nevis
Canefield	St. Paul Parish	Dominica
Chaguaramas	Diego Martin	Trinidad and Tobago
Kingstown	St. Vincent and the Grenadines	St. Vincent and the Grenadines
La Lamentin	Martinique	France
Needham's Point	Saint Michael Parish	Barbados
Port Salines		Grenada
Rodney Bay	Gros Islet Quarter	St. Lucia
Saint Barthelemy	Guadeloupe	France
Saint John's		Antigua and Barbuda
San Juan		Puerto Rico
	St. Croix	U.S. Virgin Islands
St. Martin	Guadeloupe	France



0 2,500 5,000
Kilometers

South East Asia-Middle East-Western Europe 3

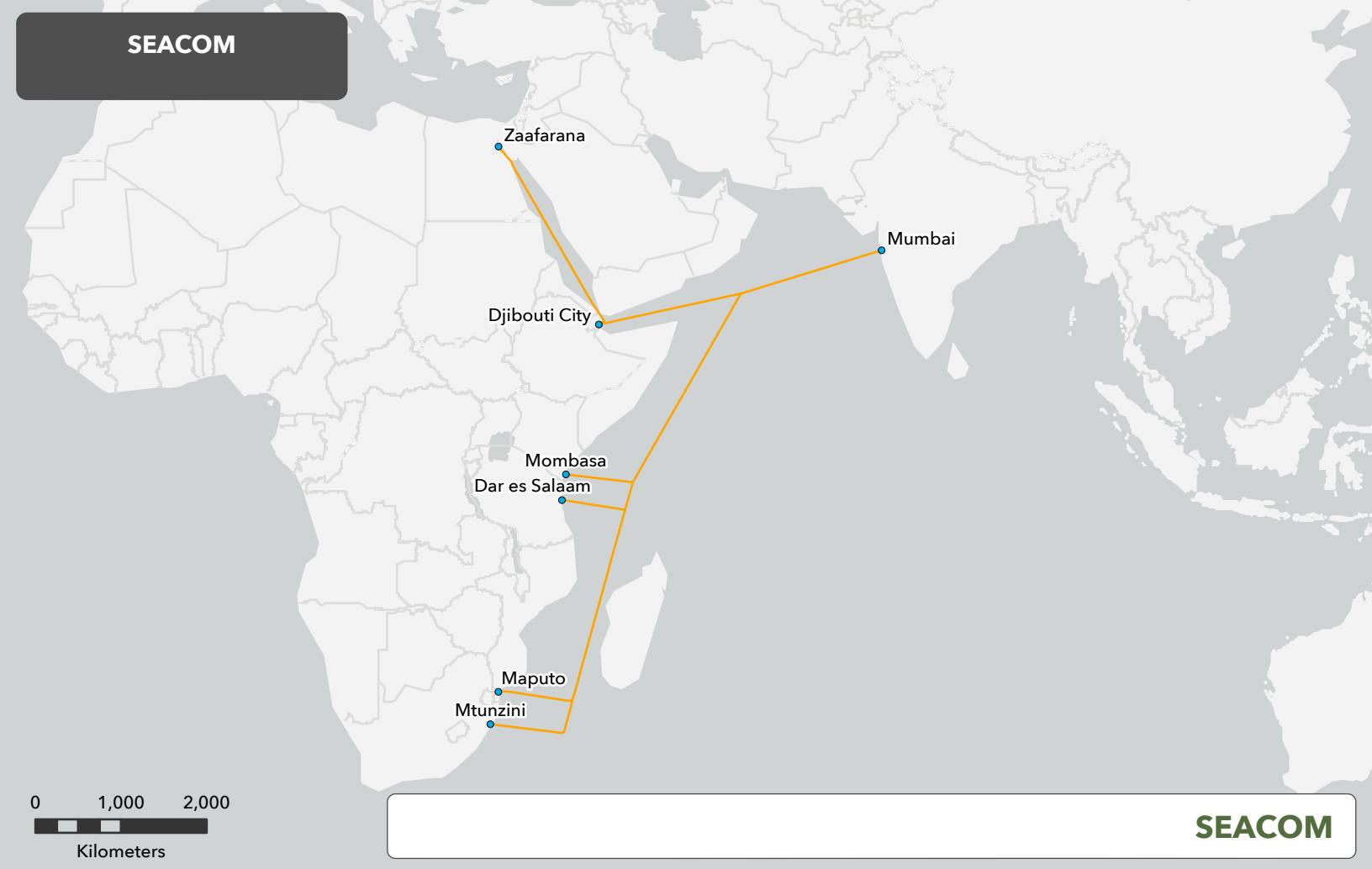
SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$15,000,000
Length (km)	32,767
Design Capacity (Tbps)	4.6
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, KDD-SCS, Pirelli, SubCom

System Installer	ASN, SubCom
Owner(s)	Cyprus Telecommunications Authority, Djibouti Telecom, SEA-ME-WE 3 Consortium, Singtel, TATA Communications, Telekom Malaysia Berhad, Telstra

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Ancol	Jakarta	Indonesia
Batangas	Calabarzon	Philippines
Chania	Crete	Greece
Cochin	Kerala	India
Da Nang	South Central Coast	Vietnam
Fangshan	Pingtung	Taiwan
Fujairah	Fujairah	United Arab Emirates
Gejoe	South Gyeongsang	South Korea
Goonhilly	England	United Kingdom
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Marmaris	Muğla	Turkey
Mazara del Vallo	Sicily	Italy
Medan	North Sumatra	Indonesia
Mersing	Johor	Malaysia
Mount Lavinia	Western Province	Sri Lanka
Mumbai	Maharashtra	India
Muscat	Muscat	Oman
Norden	Lower Saxony	Germany
Okinawa	Okinawa	Japan
Ostend	West Flanders	Belgium
Penang	Penang	Malaysia
Penmarch	Brittany	France
Perth	Western Australia	Australia
Pyapon	Pyapon	Myanmar
Satun	Satun	Thailand
Sesimbra	Lisbon	Portugal
Shanghai	Shanghai	China
Shantou	Guangdong Province	China
Suez	Suez Governorate	Egypt
Taipa	Guangdong Province	China
Tetouan	Tanger-Tetouan-Al Hoceima	Morocco
Toucheng	Yilan	Taiwan
Tuas	West Region	Singapore
Tungku	Brunei-Muara	Brunei
Yeroskipos	Paphos	Cyprus



SEACOM

SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$60,000,000
Length (km)	13,601
Design Capacity (Tbps)	6
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom

LANDING POINTS

City	State/Province	Country
Dar es Salaam	Dar es Salaam	Tanzania
Djibouti City	Djibouti	Djibouti
Maputo	Maputo	Mozambique
Mombasa	Mombasa	Kenya
Mtunzini	KwaZulu-Natal	South Africa
Mumbai	Maharashtra	India
Zaafarana	Red Sea Governorate	Egypt

System Installer	SubCom
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Owner(s)	Convergence Partners, Djibouti Telecom, Herakles Telecom LLC, Industrial Promotion Services, Remgro Limited, Sanlam Limited, Seacom Limited
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SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$40,000,000
Length (km)	8,986
Design Capacity (Tbps)	28
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom

LANDING POINTS

City	State/Province	Country
Chikura	Chiba	Japan
Lantau	Hong Kong	China
Nasugbu	Batangas	Philippines
Shantou	Guangdong Province	China
Telisai	Tutong	Brunei
Tuas	West Region	Singapore

System Installer S.B. Submarine Systems

Owner(s) Brunei International Gateway Sendirian Berhad, China Mobile, China Telecom Corporation, China Telecom International Ltd., Donghwa Telecom Co., Globe Telecom, Google, SJC Consortium, Telemedia Pacific Inc., Telin, TOT Public Co Ltd.



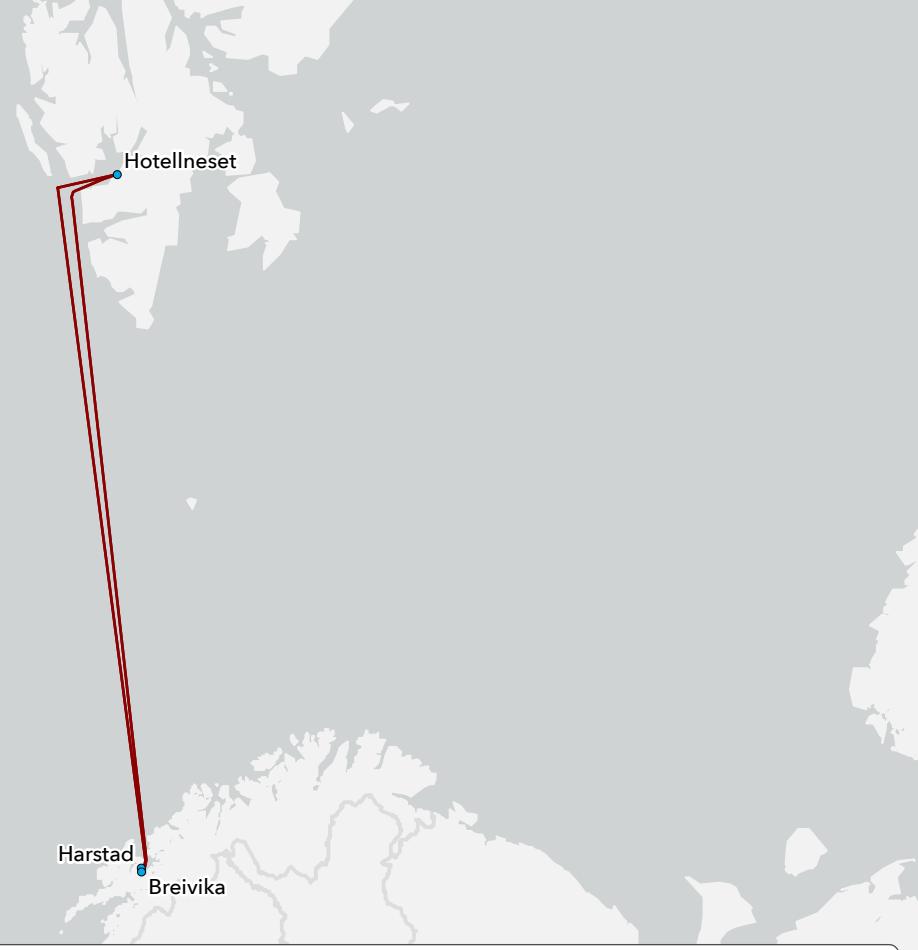
SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$18,250,000
Length (km)	7,300
Design Capacity (Tbps)	132
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	America Movil, Telxius

LANDING POINTS

City	State/Province	Country
Arica	Arica y Parinacota	Chile
Lurin	Lima	Peru
Puerto San Jose	Escuintla	Guatemala
Punta Salinas	Santa Elena	Ecuador
Valparaíso	Valparaíso	Chile

Svalbard



0 950 1,900
Kilometers

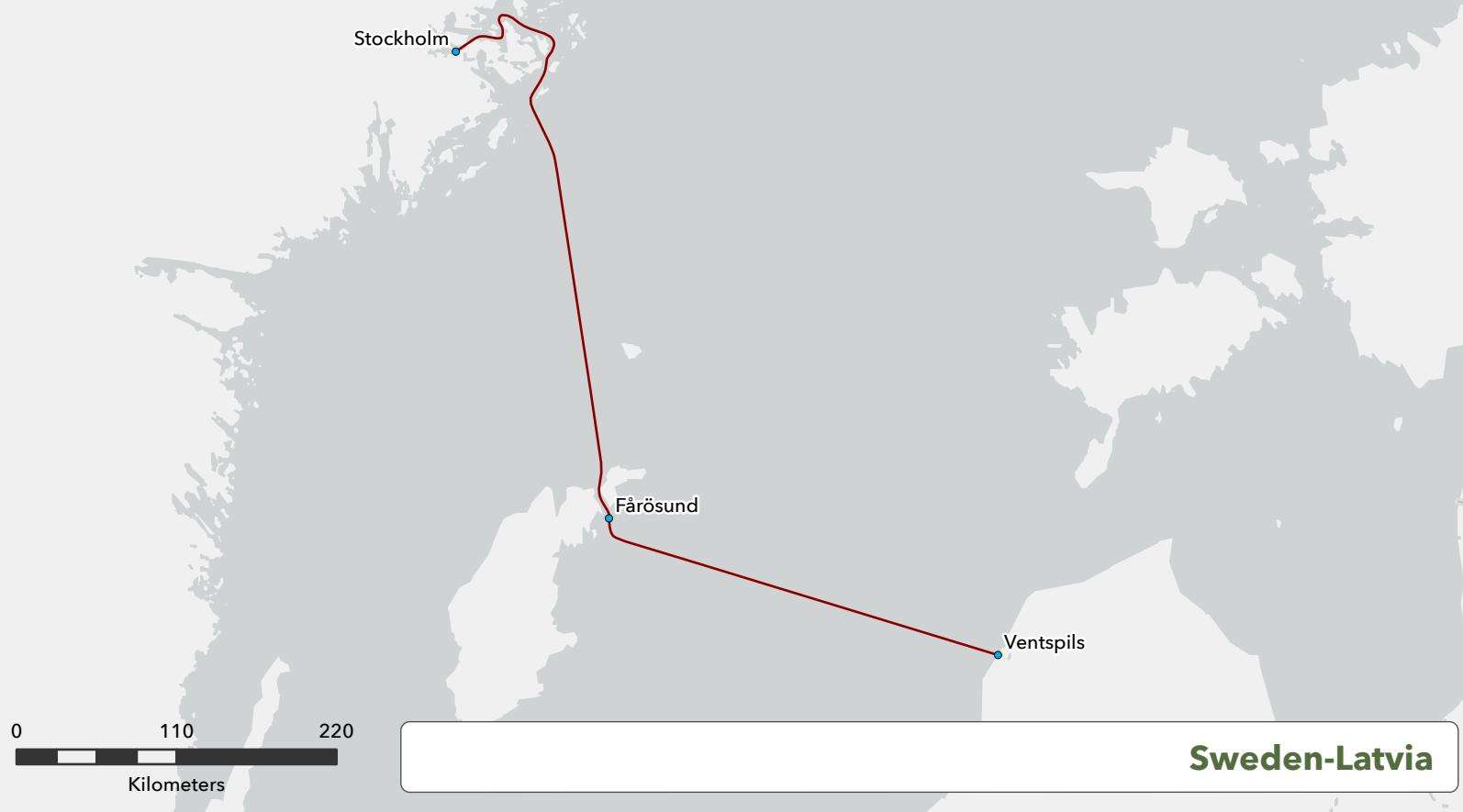
Svalbard

SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$80,000,000
Length (km)	2,800
Design Capacity (Tbps)	4.8
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Nexans, SubCom
System Installer	Global Marine Systems Limited, Nexans, SubCom
Owner(s)	Telenor

LANDING POINTS

City	State/Province	Country
Breivika	Troms og Finnmark	Norway
Harstad	Troms og Finnmark	Norway
Hotellneset	Svalbard	Norway



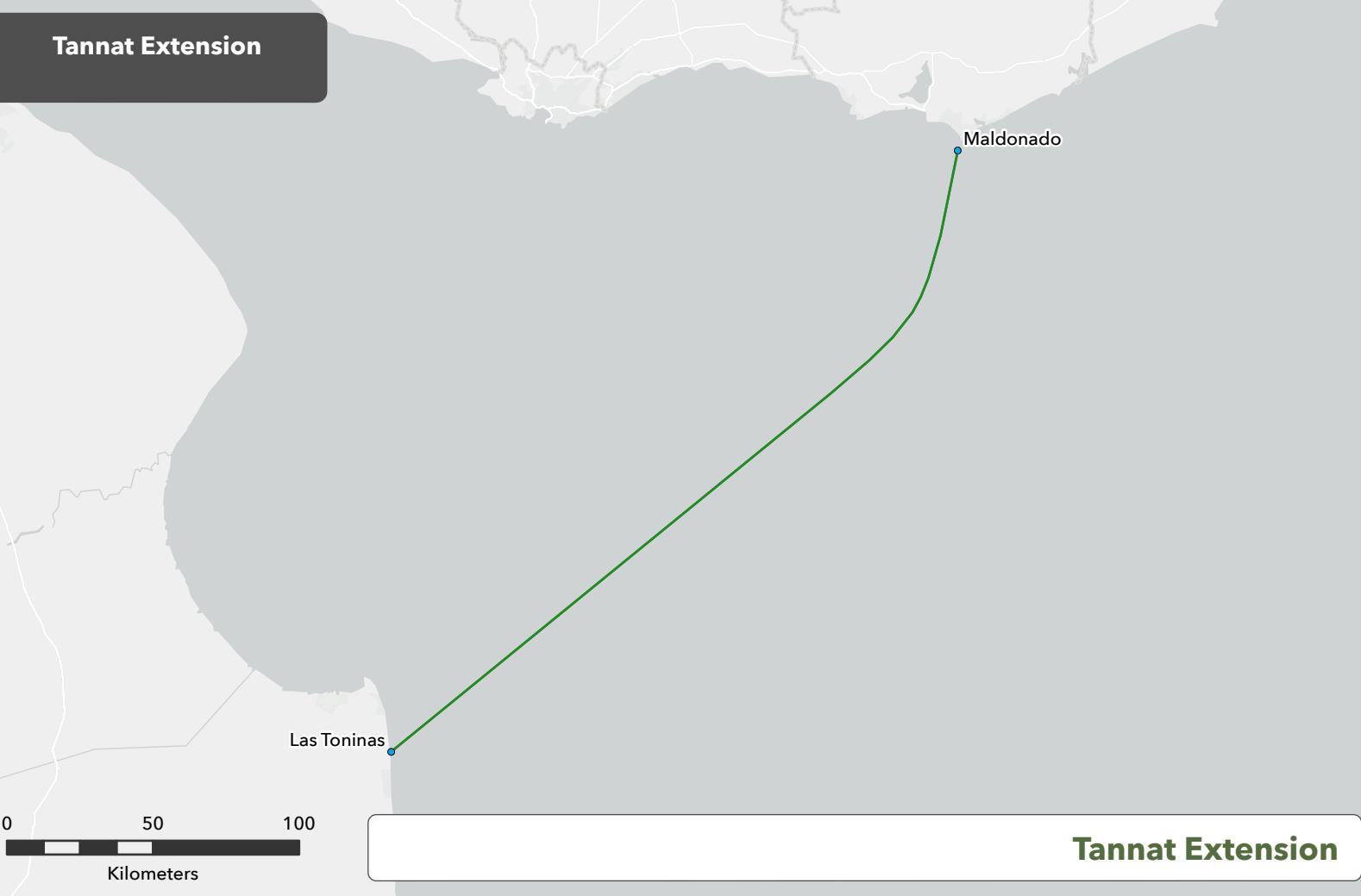
SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$4,375,000
Length (km)	175
Design Capacity (Tbps)	0.0025
Fiber Pairs	34
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Baltcom Fiber

LANDING POINTS

City	State/Province	Country
Fårösund	Gotland	Sweden
Stockholm	Stockholm	Sweden
Ventspils	Courland	Latvia

Tannat Extension

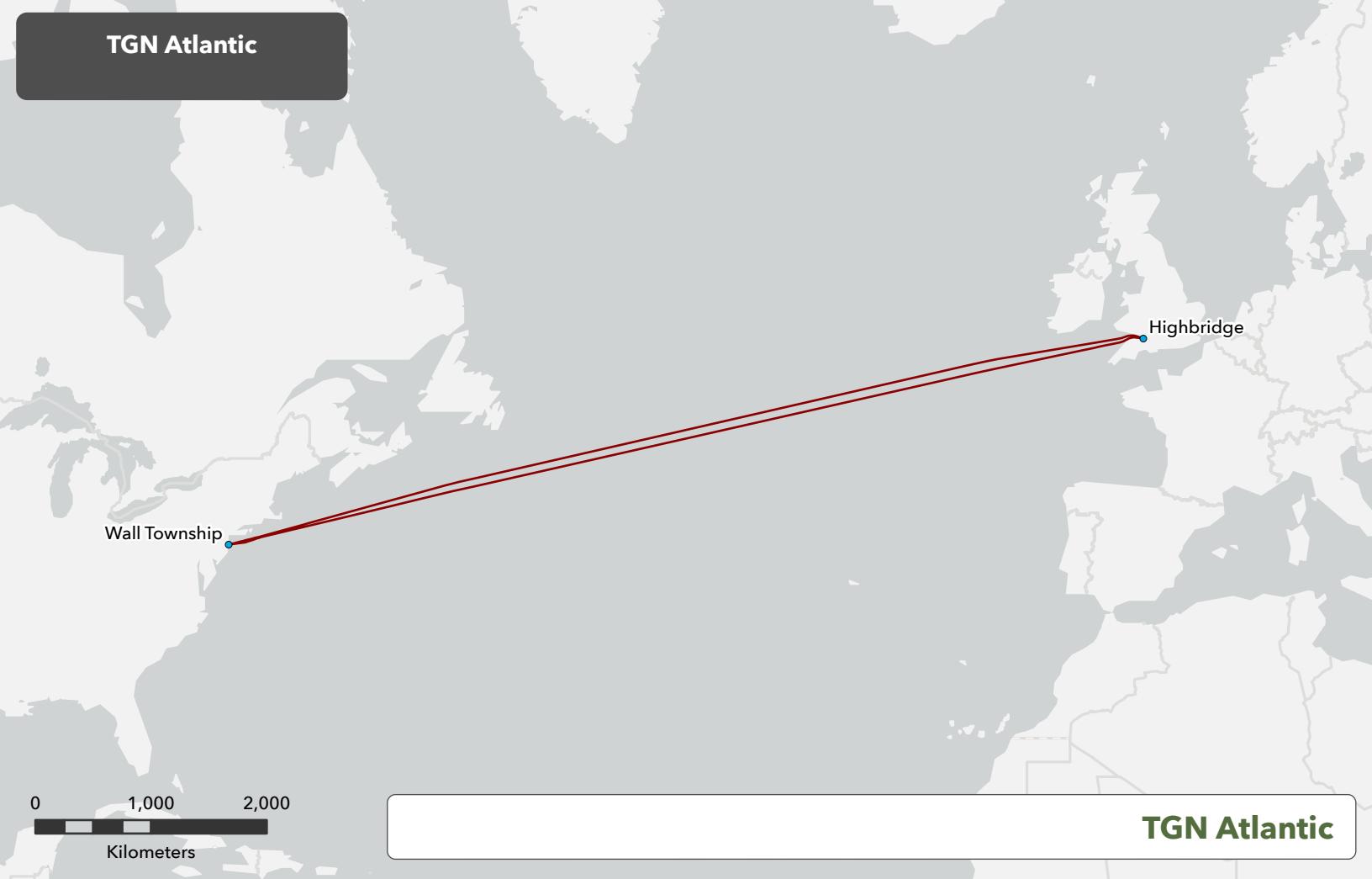


SYSTEM DETAILS

RFS Year	2020
EOS Year	2025
Est. System Cost (USD)	\$10,000,000
Length (km)	2,000
Design Capacity (Tbps)	90
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, SubCom
System Installer	ASN
Owner(s)	Google

LANDING POINTS

City	State/Province	Country
Las Toninas	Buenos Aires Province	Argentina
Maldonado	Maldonado	Uruguay



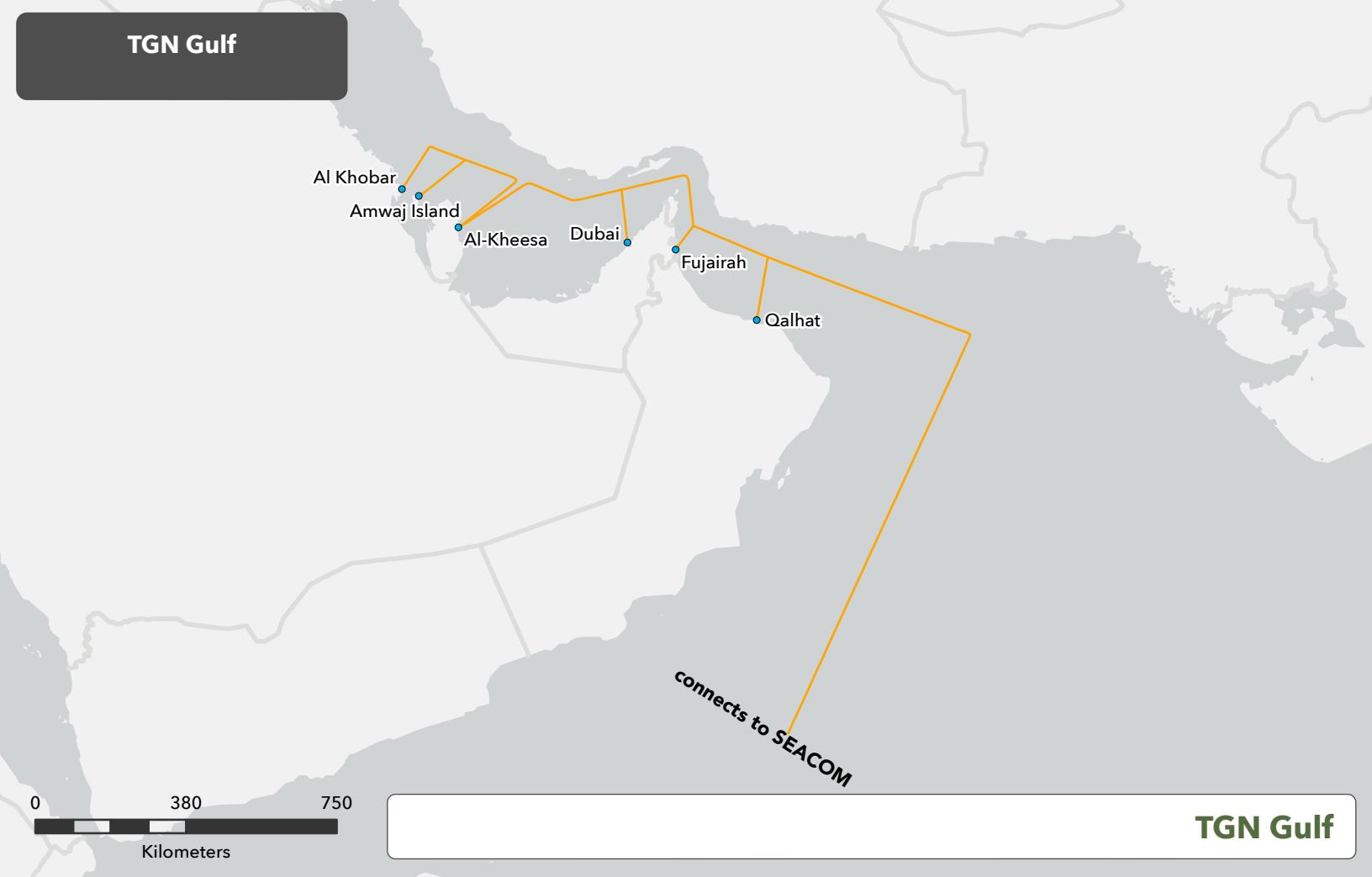
TGN Atlantic

SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$34,000,000
Length (km)	12,670
Design Capacity (Tbps)	50
Fiber Pairs	4
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	TATA Communications

LANDING POINTS

City	State/Province	Country
Highbridge	England	United Kingdom
Wall Township	New Jersey	United States

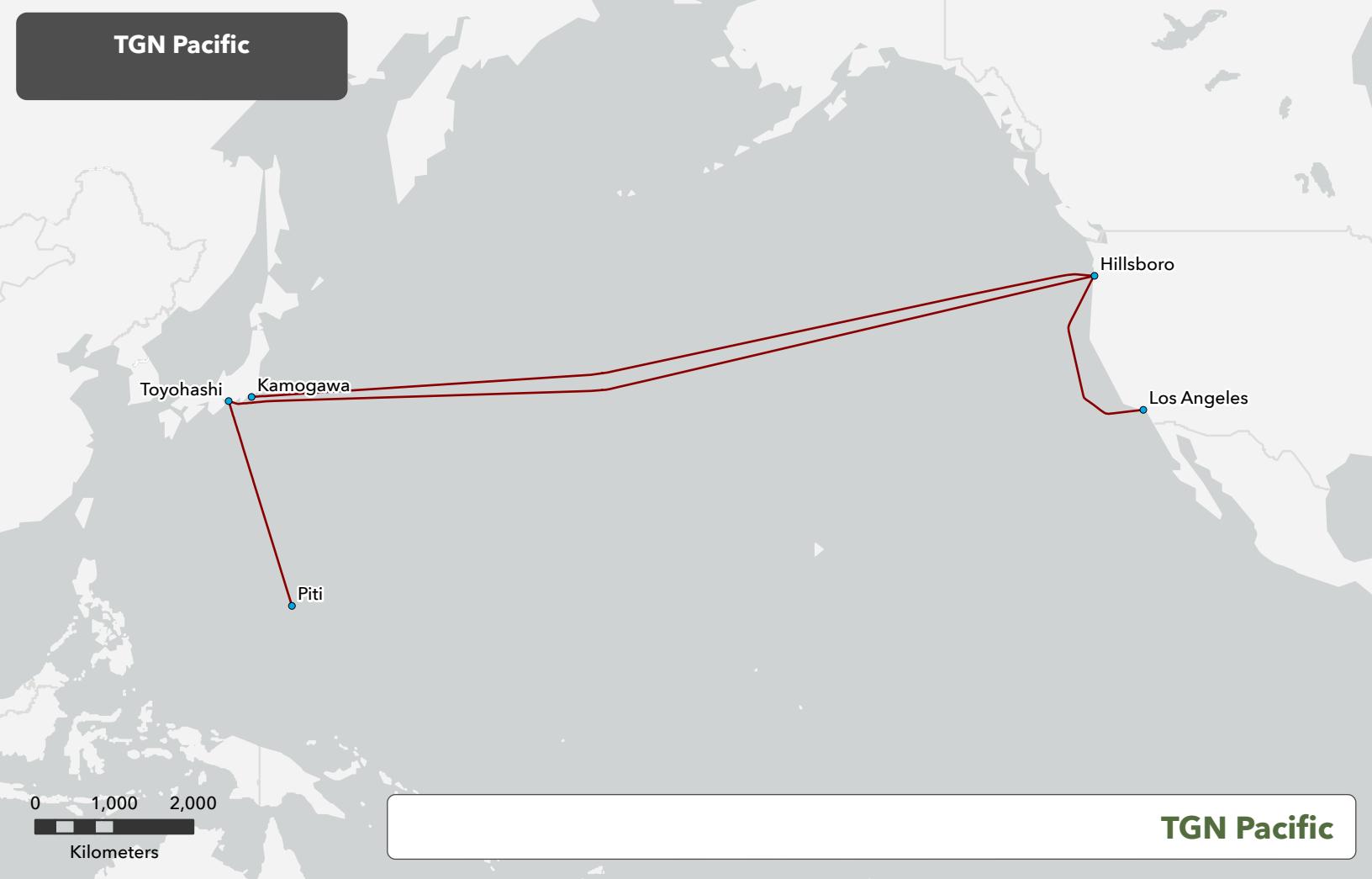


SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$20,000,000
Length (km)	2,306
Design Capacity (Tbps)	1.28
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	TATA Communications

LANDING POINTS

City	State/Province	Country
Al Khobar	Eastern Province	Saudi Arabia
Al-Kheesa	Al Daayen	Qatar
Amwaj Island	Muhurraq Governorate	Bahrain
Dubai	Dubai	United Arab Emirates
Fujairah	Fujairah	United Arab Emirates
Qalhat	Ash Sharqiyah	Oman



SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$58,000,000
Length (km)	21,424
Design Capacity (Tbps)	76.8
Fiber Pairs	8
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	SubCom
Owner(s)	TATA Communications

LANDING POINTS

City	State/Province	Country
Hillsboro	Oregon	United States
Kamogawa	Chiba	Japan
Los Angeles	California	United States
Piti		Guam
Toyohashi	Aichi	Japan



0 510 1,000
Kilometers

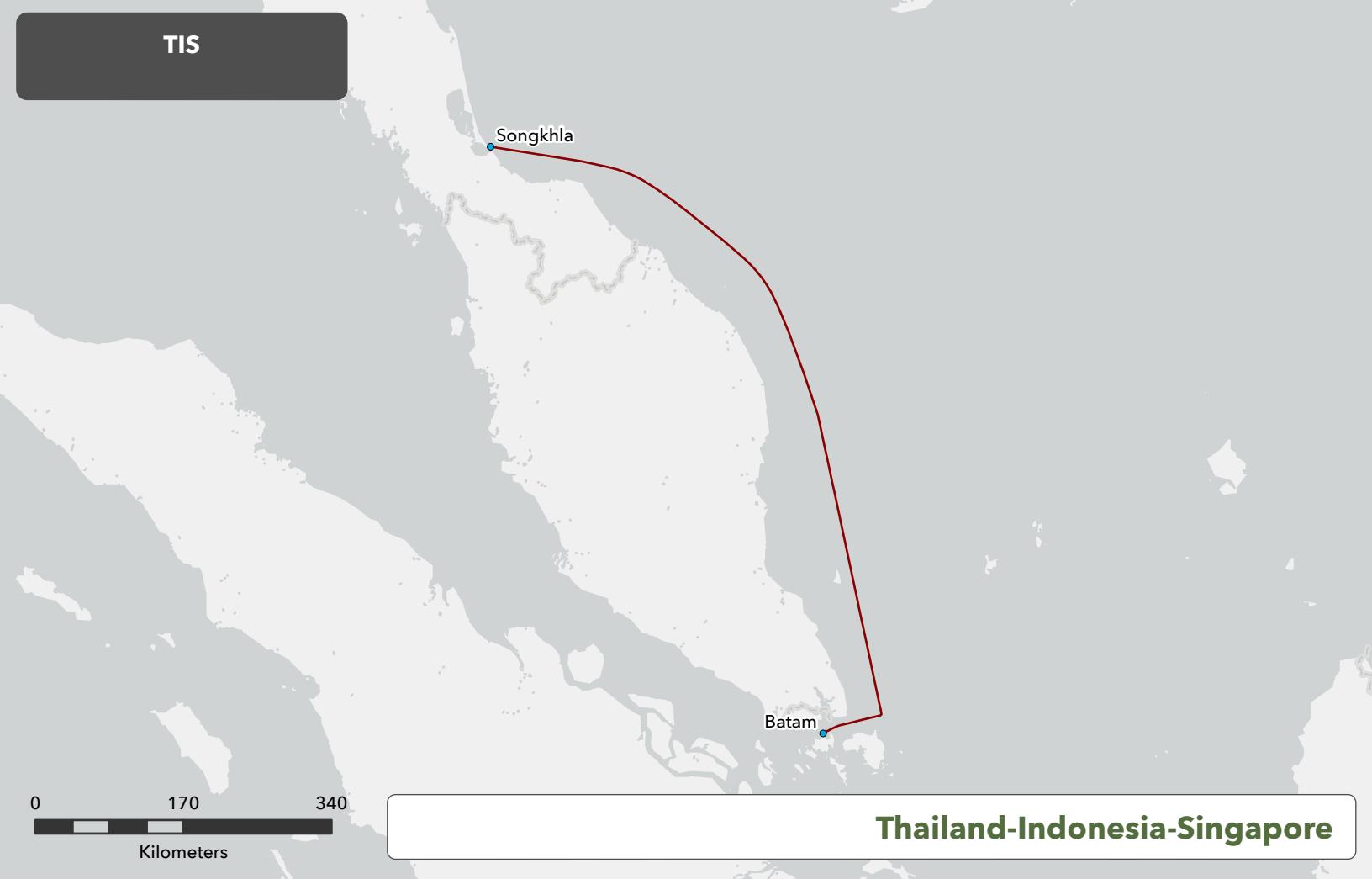
TGN Western Europe

SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$10,000,000
Length (km)	3,487
Design Capacity (Tbps)	3.84
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	TATA Communications

LANDING POINTS

City	State/Province	Country
Bilbao	Biscay	Spain
Highbridge	England	United Kingdom
Seixal	Lisbon	Portugal



SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$36,000,000
Length (km)	1,003
Design Capacity (Tbps)	0.03
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	2
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom
System Installer	ASEAN Cableschip, SubCom
Owner(s)	CAT Telecom, PT Telekom

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Songkhla	Songkhla	Thailand



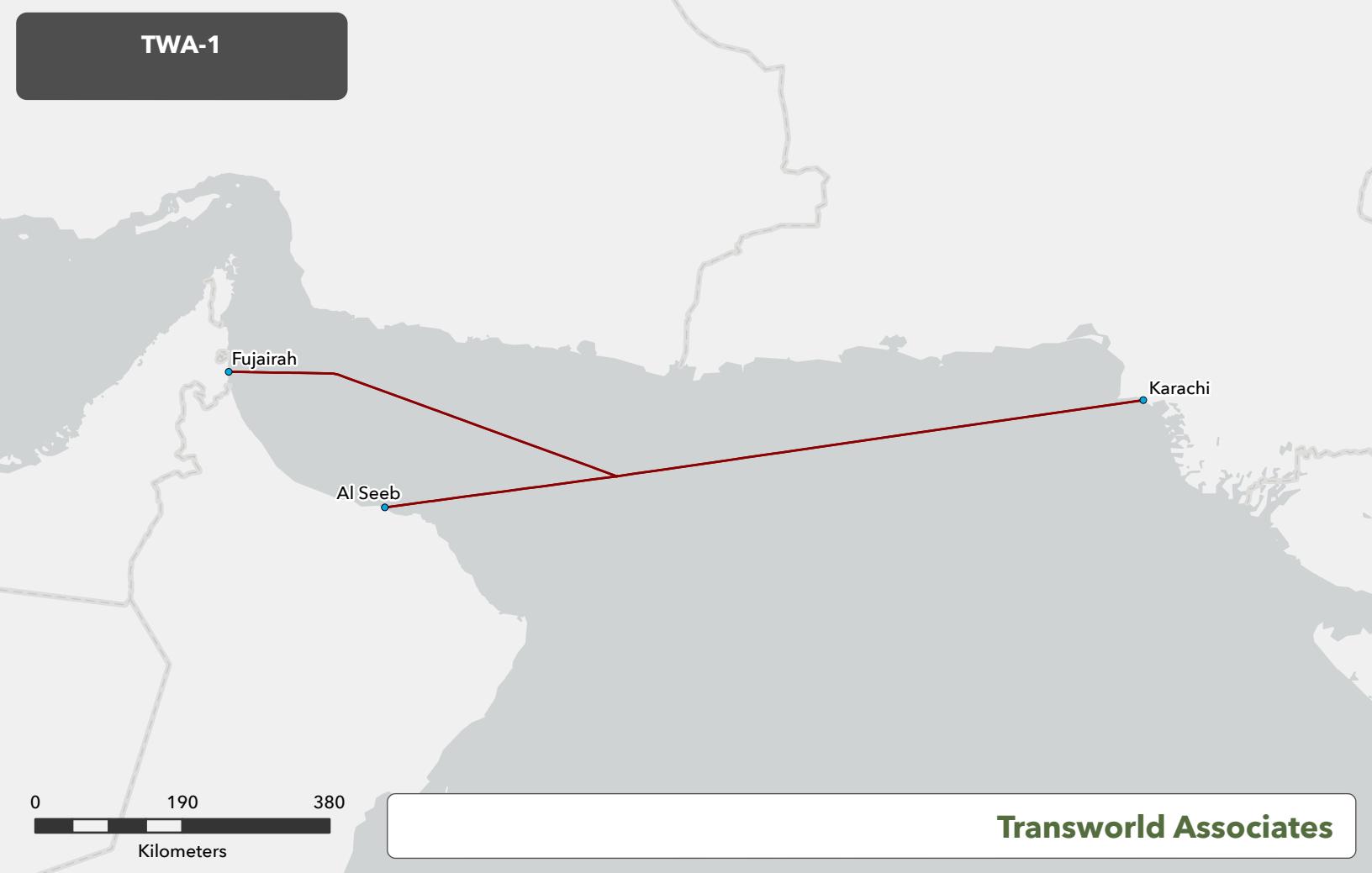
SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$44,000,000
Length (km)	16,163
Design Capacity (Tbps)	25.6
Fiber Pairs	4
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom

LANDING POINTS

City	State/Province	Country
Chongming	Shanghai	China
Geoje	South Gyeongsang	South Korea
Maruyama	Chiba	Japan
Nedonna Beach	Oregon	United States
Qingdao	Shandong Province	China
Tanshui	New Taipei City	Taiwan

System Installer	Global Marine Systems Limited, SubCom
Owner(s)	China Telecom Corporation, China Unicom, Chunghwa Telecom International, Verizon

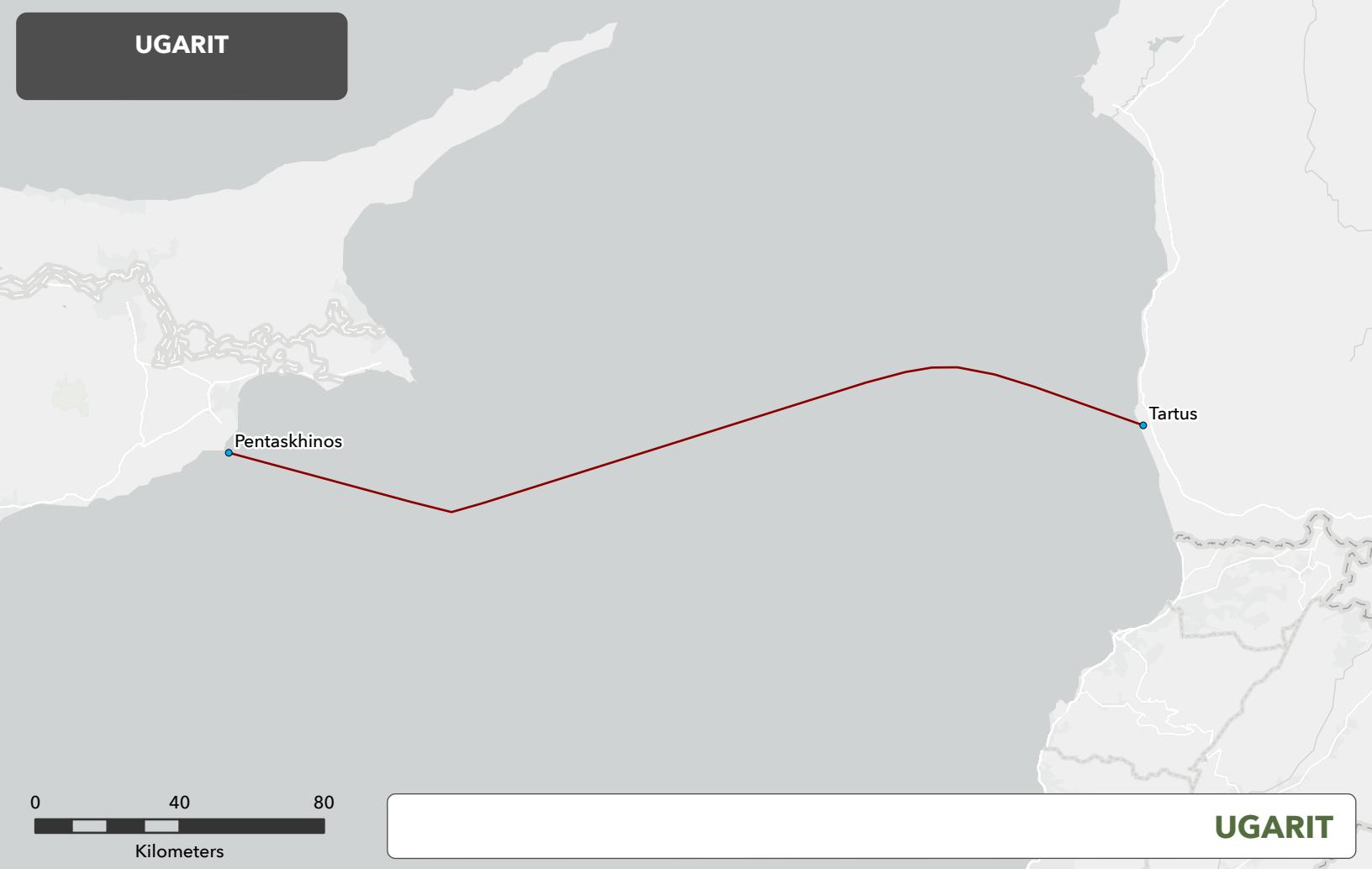


SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$40,000,000
Length (km)	1,237
Design Capacity (Tbps)	1.28
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	3
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong), SubCom
System Installer	SubCom
Owner(s)	Trans-World Associates

LANDING POINTS

City	State/Province	Country
Al Seeb	Muscat	Oman
Fujairah	Fujairah	United Arab Emirates
Karachi	Sindh	Pakistan

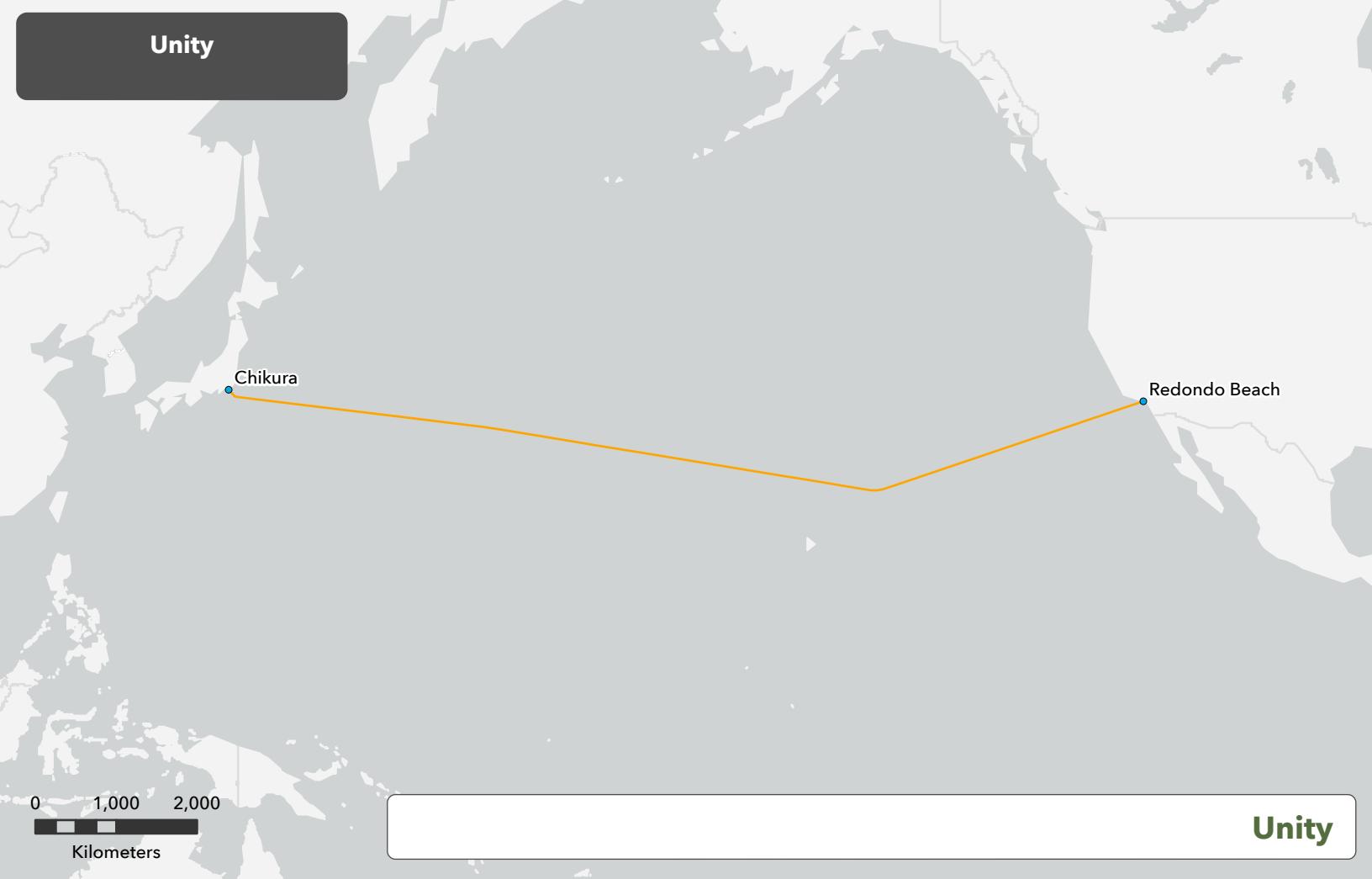


SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$16,000,000
Length (km)	240
Design Capacity (Tbps)	0.000622
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Cyprus Telecommunications Authority

LANDING POINTS

City	State/Province	Country
Pentaskhinos	Larnaca	Cyprus
Tartus	Tartus	Syria



SYSTEM DETAILS

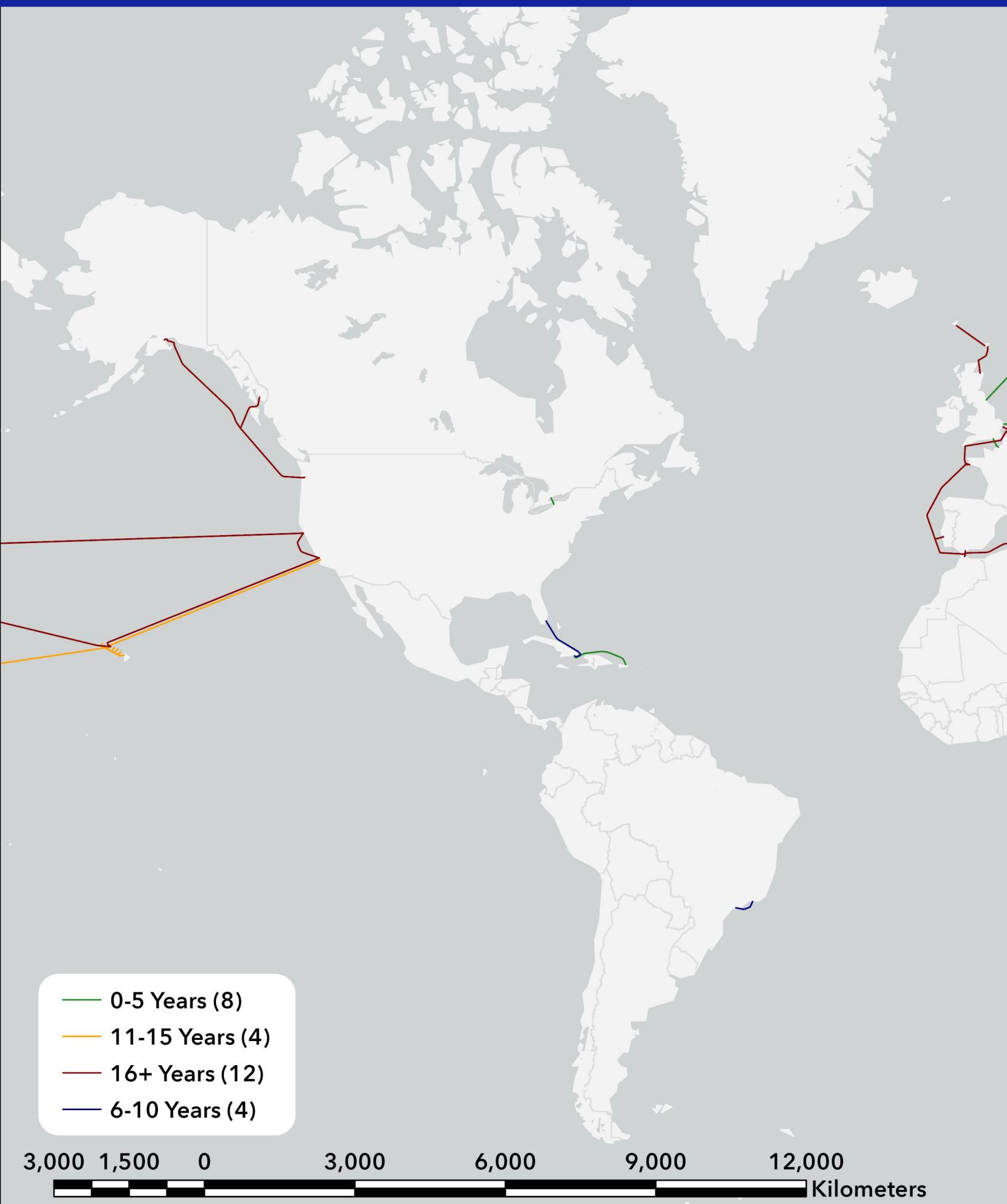
RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$30,000,000
Length (km)	9,620
Design Capacity (Tbps)	4.5
Fiber Pairs	8
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	SubCom

LANDING POINTS

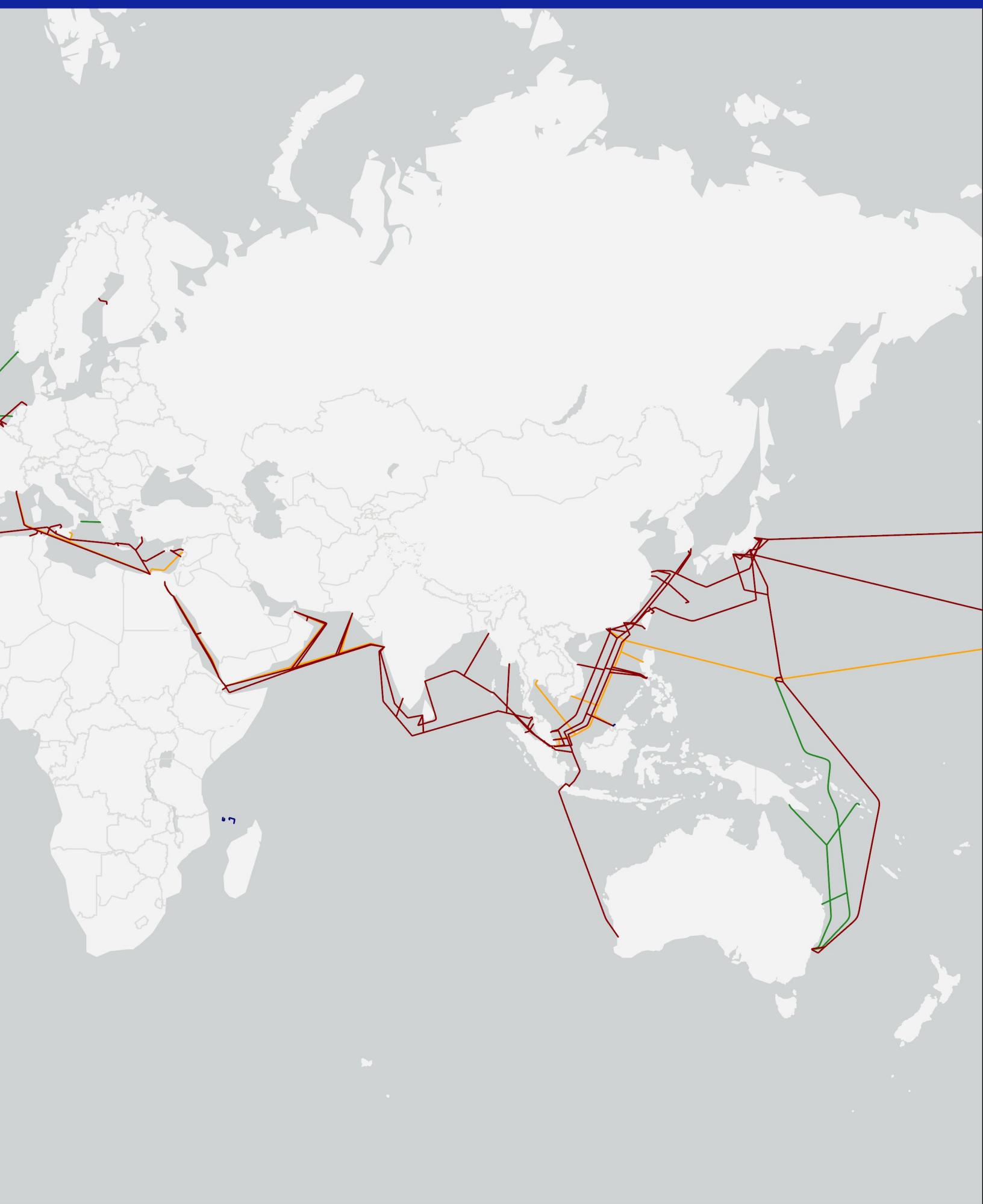
City	State/Province	Country
Chikura	Chiba	Japan
Redondo Beach	California	United States

System Installer	Kokusai Cable Ship, SubCom
Owner(s)	Bharti Airtel Limited, Global Transit Communications Sdn Bhd, Google, Singtel

In Service System



Items - Others





SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$50,000,000
Length (km)	20,547
Design Capacity (Tbps)	16.8
Fiber Pairs	2
Wavelengths per Fiber Pair	96
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, Mitsubishi Electric Corporation, NEC

System Installer	ASEAN Cables, ASN, Orange, Telekom Malaysia Berhad
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Owner(s)	AT&T Inc., BayanTel, Bharti Airtel Limited, BT, CAT Telecom, Eastern Telecommunications Philippines, Inc. (ETPI), FPT Telecom, Government of Brunei Darussalam, PLDT, Saigon Postel Corporation, Starhub Ltd., Telcotech Limited, Telecom New Zealand, Telekom Malaysia Berhad, Telkom Indonesia, Telstra, Viettel, VNPT
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LANDING POINTS

City	State/Province	Country
Changi	East Region	Singapore
Grover Beach	California	United States
Keawaula	Hawaii	United States
La Union	La Union	Philippines
Lantau	Hong Kong	China
Mersing	Johor	Malaysia
Sri Racha	Chon Buri	Thailand
Tanguisson Point	Guam	United States
Tungku	Brunei-Muara	Brunei
Vung Tau	Bà Rịa-Vung Tau	Vietnam



Australia-Japan Cable

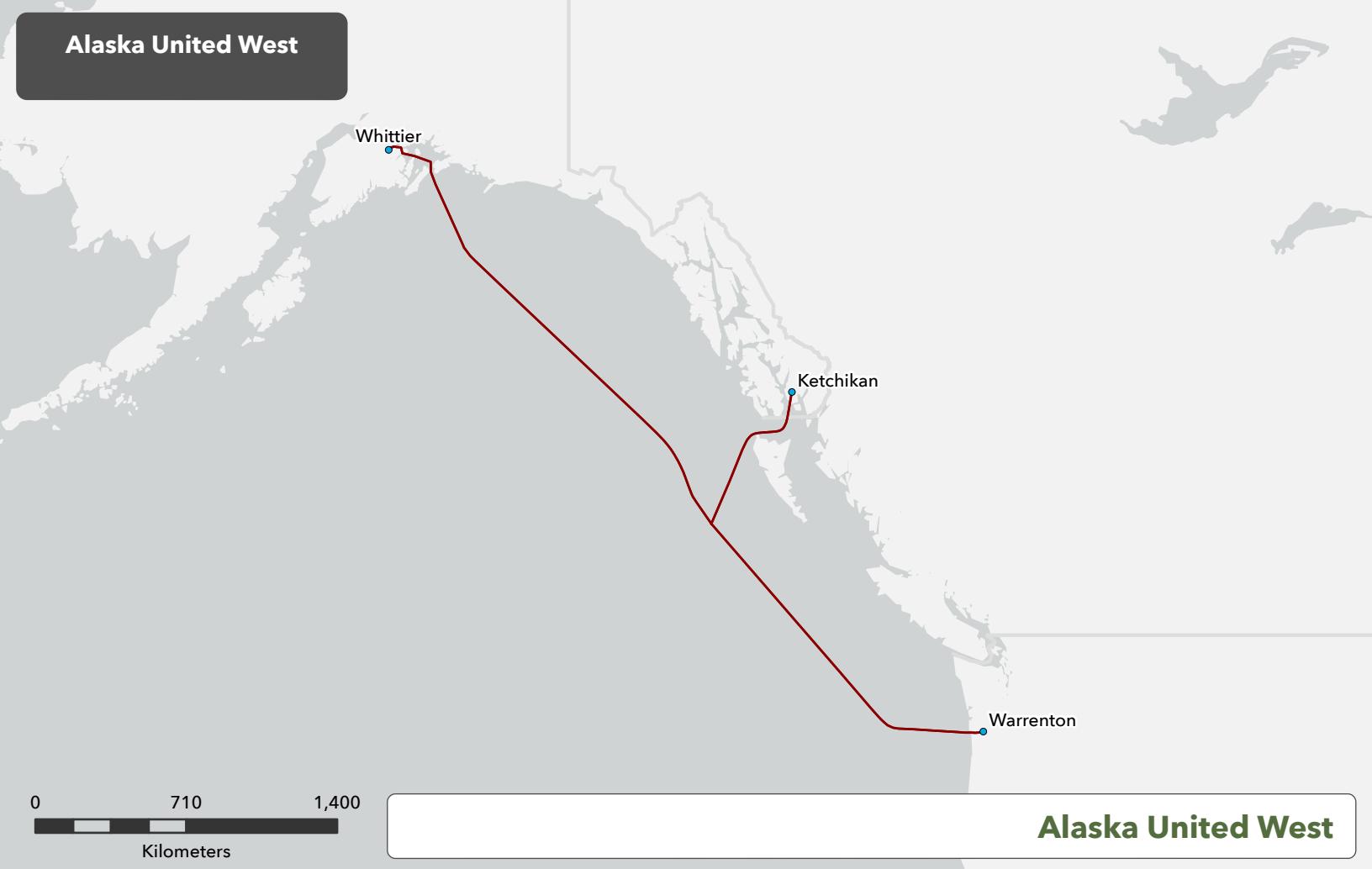
SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$52,000,000
Length (km)	12,224
Design Capacity (Tbps)	25.6
Fiber Pairs	4
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Ocean Cable Company, SubCom

LANDING POINTS

City	State/Province	Country
Maruyama	Chiba	Japan
Oxford Falls	New South Wales	Australia
Shima	Mie	Japan
Sydney	New South Wales	Australia
Tanguisson Point	Guam	United States
Tumon		Guam

System Installer	FCR, KDD, Orange, SubCom
Owner(s)	Australia Japan Cable Limited, Communications Global Network Services Limited, KDD, SoftBank Telecom Corporation, Telstra Holdings No. 1 Limited, Worldcom Global Networks Limited



SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$30,000,000
Length (km)	2,483
Design Capacity (Tbps)	0.64
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NEC, OCC
System Installer	Global Marine Systems Limited
Owner(s)	GCI

LANDING POINTS

City	State/Province	Country
Ketchikan	Alaska	United States
Warrenton	Oregon	United States
Whittier	Alaska	United States



SYSTEM DETAILS

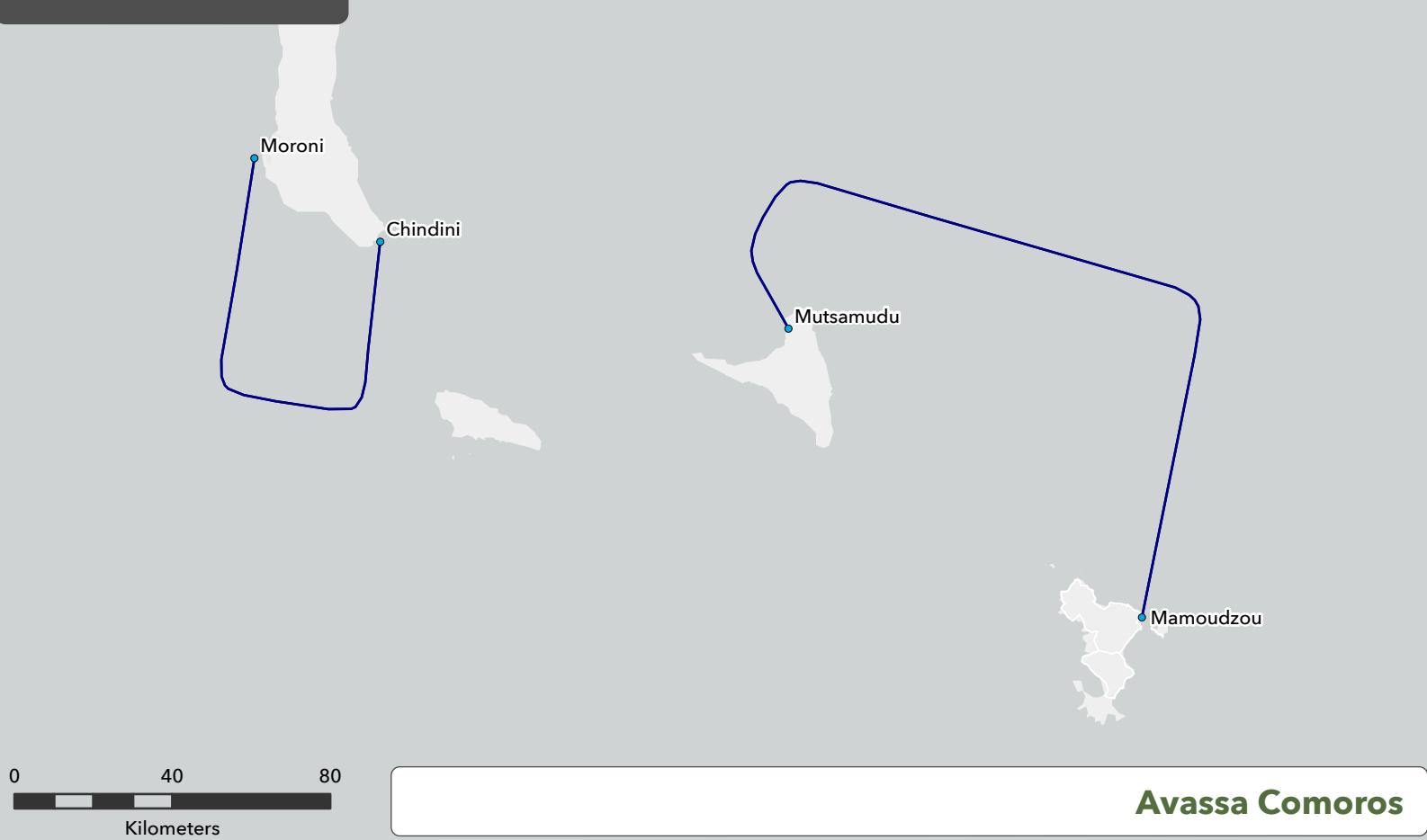
RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$11,000,000
Length (km)	19,000
Design Capacity (Tbps)	25.6
Fiber Pairs	4
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Ocean Cable Company

System Installer Global Marine Systems Limited, Telekom Malaysia Berhad

Owner(s) China Telecom Corporation, Chunghwa Telecom International, CTM, FT, PLDT, Reach NHK, Telekom Malaysia Berhad, Vodafone

LANDING POINTS

City	State/Province	Country
Batangas	Calabarzon	Philippines
Busan	Yeongnam	South Korea
Chikura	Chiba	Japan
Chongming	Shanghai	China
Katong	Central Region	Singapore
Kitaibaraki	Ibaraki	Japan
Kuantan	Pahang	Malaysia
Lantau	Hong Kong	China
Shantou	Guangdong Province	China
Tanshui	New Taipei City	Taiwan



SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$6,500,000
Length (km)	260
Design Capacity (Tbps)	16
Fiber Pairs	2
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	HMN Technologies Co., Ltd. (Hengtong)
System Installer	Not Available
Owner(s)	Comores Telecom, STOI

LANDING POINTS

City	State/Province	Country
Chindini	Grande Comore	Comoros
Mamoudzou	Mamoudzou	Mayotte
Moroni	Grande Comore	Comoros
Mutsamudu	Anjouan	Comoros

Botnia

Umea

Vaasa



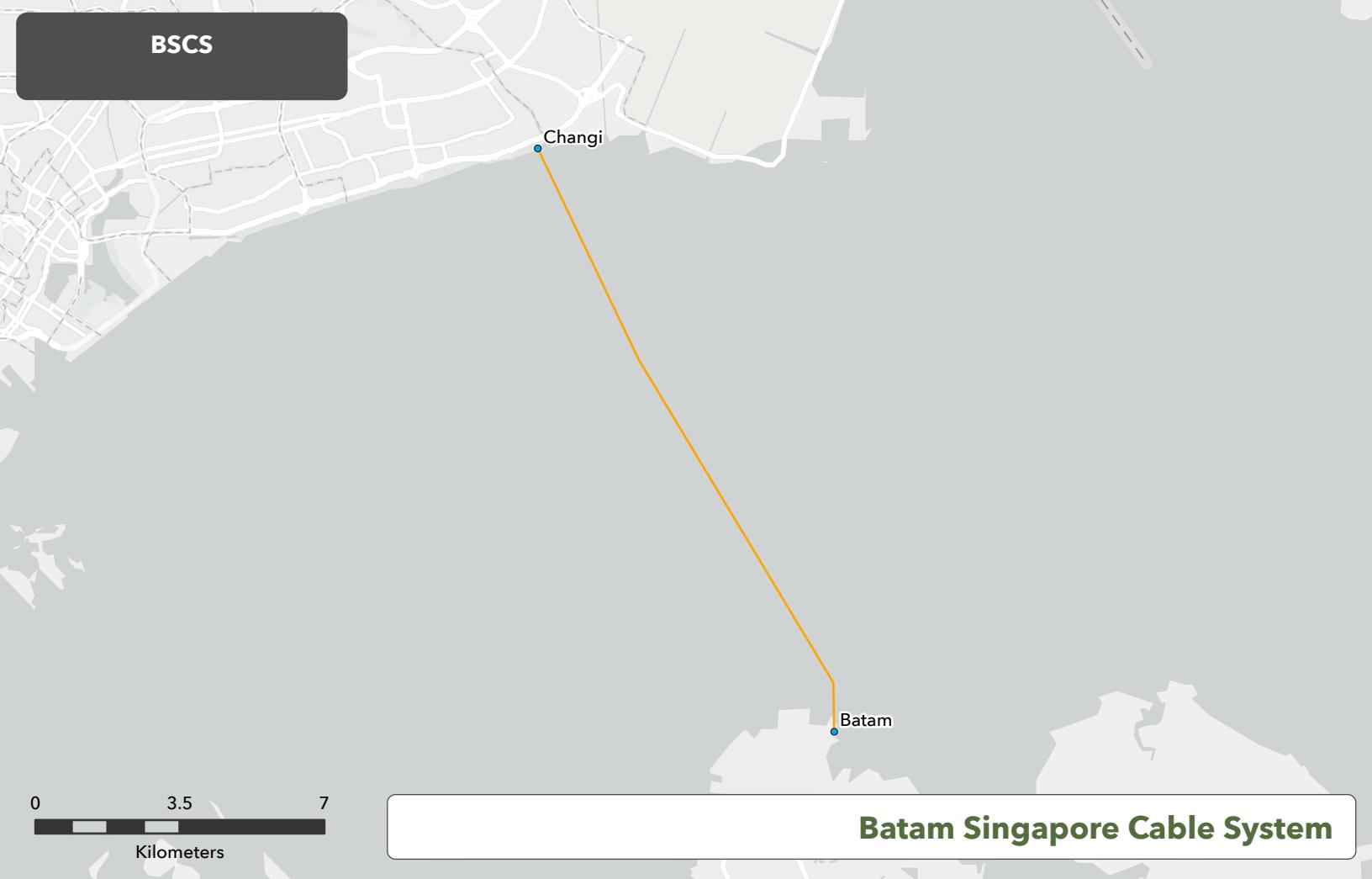
Botnia

SYSTEM DETAILS

RFS Year	1994
EOS Year	2022
Est. System Cost (USD)	\$8,500,000
Length (km)	77
Design Capacity (Tbps)	0.0012
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	NKT
System Installer	Not Available
Owner(s)	Arelion

LANDING POINTS

City	State/Province	Country
Umea	Västerbottens län	Sweden
Vaasa	Ostrobothnia	Finland



SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$13,100,000
Length (km)	73
Design Capacity (Tbps)	1.8
Fiber Pairs	3
Wavelengths per Fiber Pair	6
Capacity per Wavelength (Gbps)	100
System Supplier	Ocean Cable Company
System Installer	ASEAN Cables, Stena Offshore
Owner(s)	Telkom Indonesia

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Changi	East Region	Singapore

Cadmos

Pentaskhinos

Beirut

0 30 60
Kilometers

Cadmos

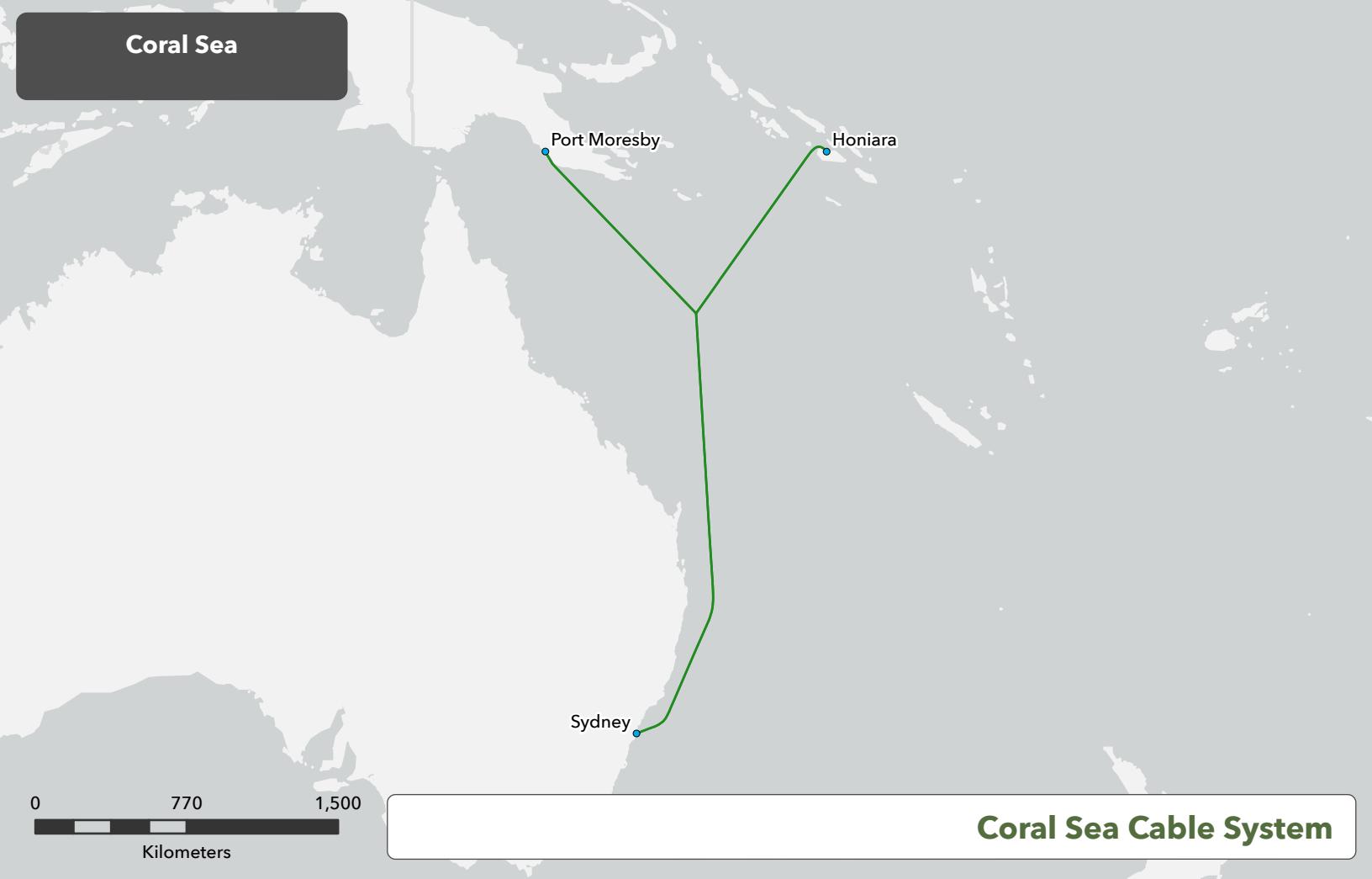
SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$8,000,000
Length (km)	262
Design Capacity (Tbps)	0.000622
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	Cyprus Telecommunications Authority, Lebanese Ministry of Telecommunications

LANDING POINTS

City	State/Province	Country
Beirut	Beirut	Lebanon
Pentaskhinos	Larnaca	Cyprus

Coral Sea



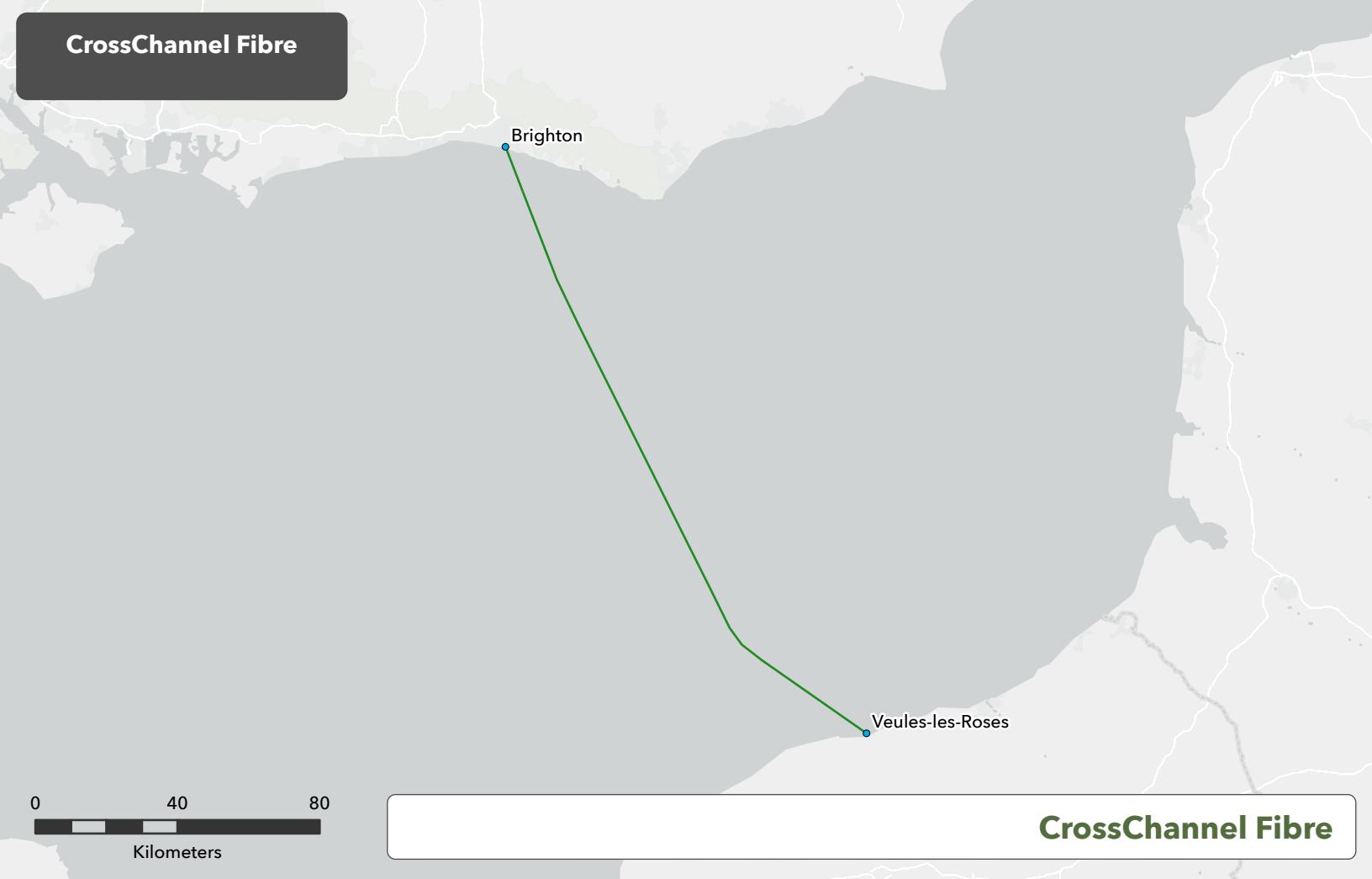
SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$93,000,000
Length (km)	4,700
Design Capacity (Tbps)	20
Fiber Pairs	4
Wavelengths per Fiber Pair	100
Capacity per Wavelength (Gbps)	100
System Supplier	ASN, Vocus Communications
System Installer	ASN
Owner(s)	Papua New Guinea DataCo Limited, Solomon Submarine Cable Ltd.

LANDING POINTS

City	State/Province	Country
Honiara	Honiara City	Solomon Islands
Port Moresby	National Capital District	Papua New Guinea
Sydney	New South Wales	Australia

CrossChannel Fibre

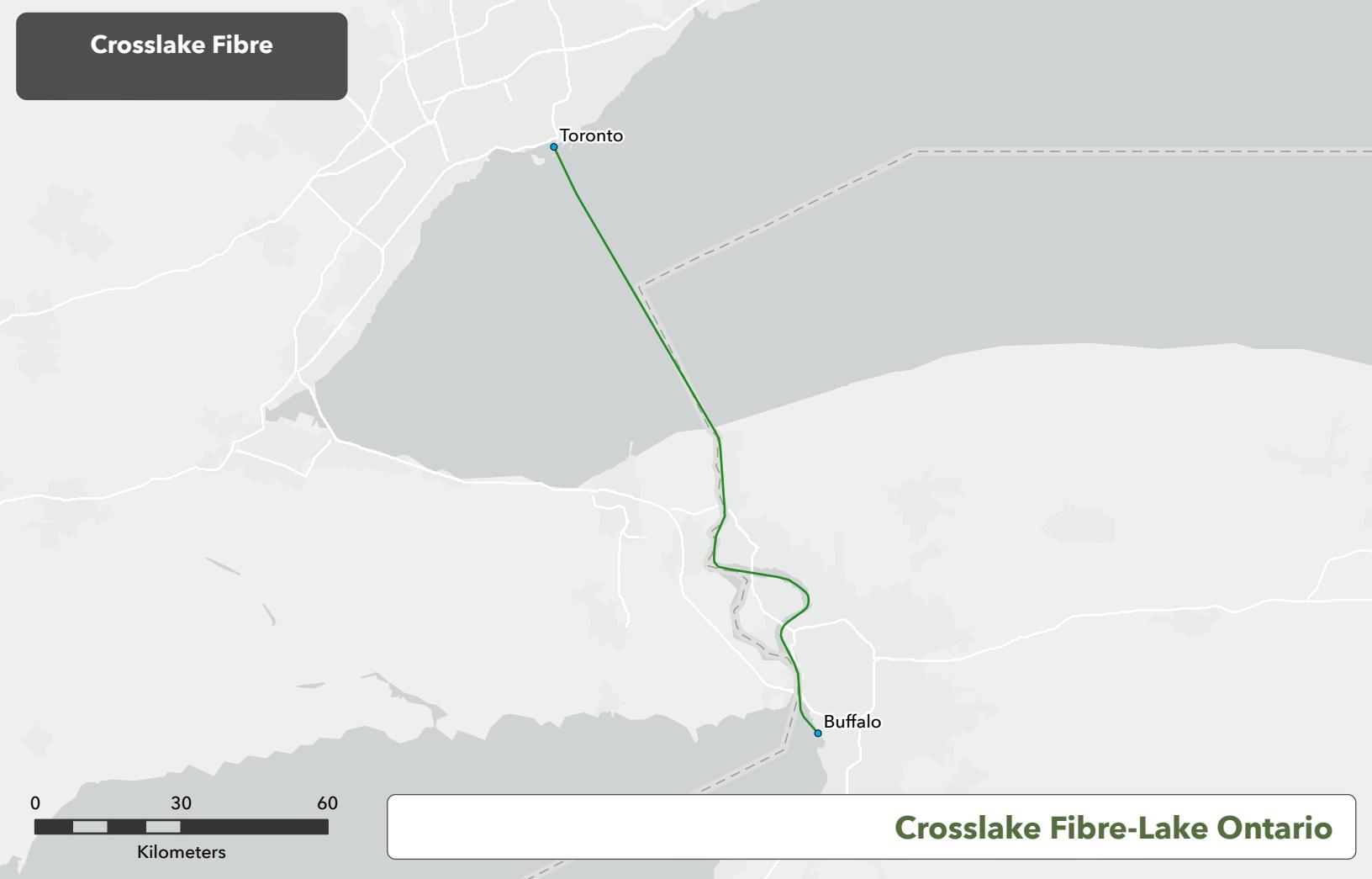


SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$3,875,000
Length (km)	149
Design Capacity (Tbps)	2400
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Hexatronic Cables & Interconnect Systems AB
System Installer	IT International Telecom
Owner(s)	Crosslake Fibre, Inc.

LANDING POINTS

City	State/Province	Country
Brighton	England	United Kingdom
Veules-les-Roses	Normandy	France



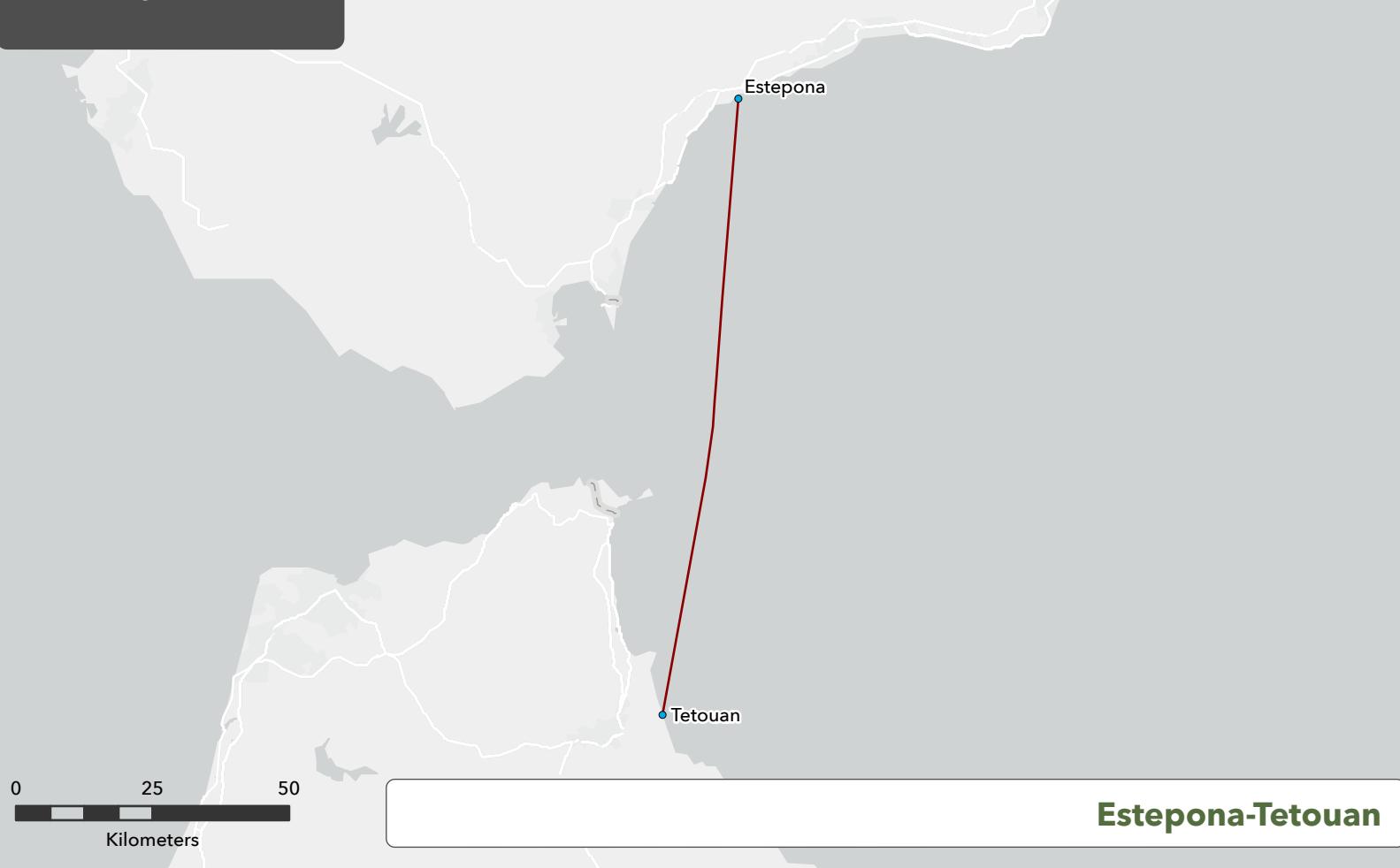
Crosslake Fibre-Lake Ontario

SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$3,050,000
Length (km)	62
Design Capacity (Tbps)	2400
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Hexatronic Cables & Interconnect Systems AB
System Installer	IT International Telecom
Owner(s)	Crosslake Fibre, Inc.

LANDING POINTS

City	State/Province	Country
Buffalo	New York	United States
Toronto	Ontario	Canada

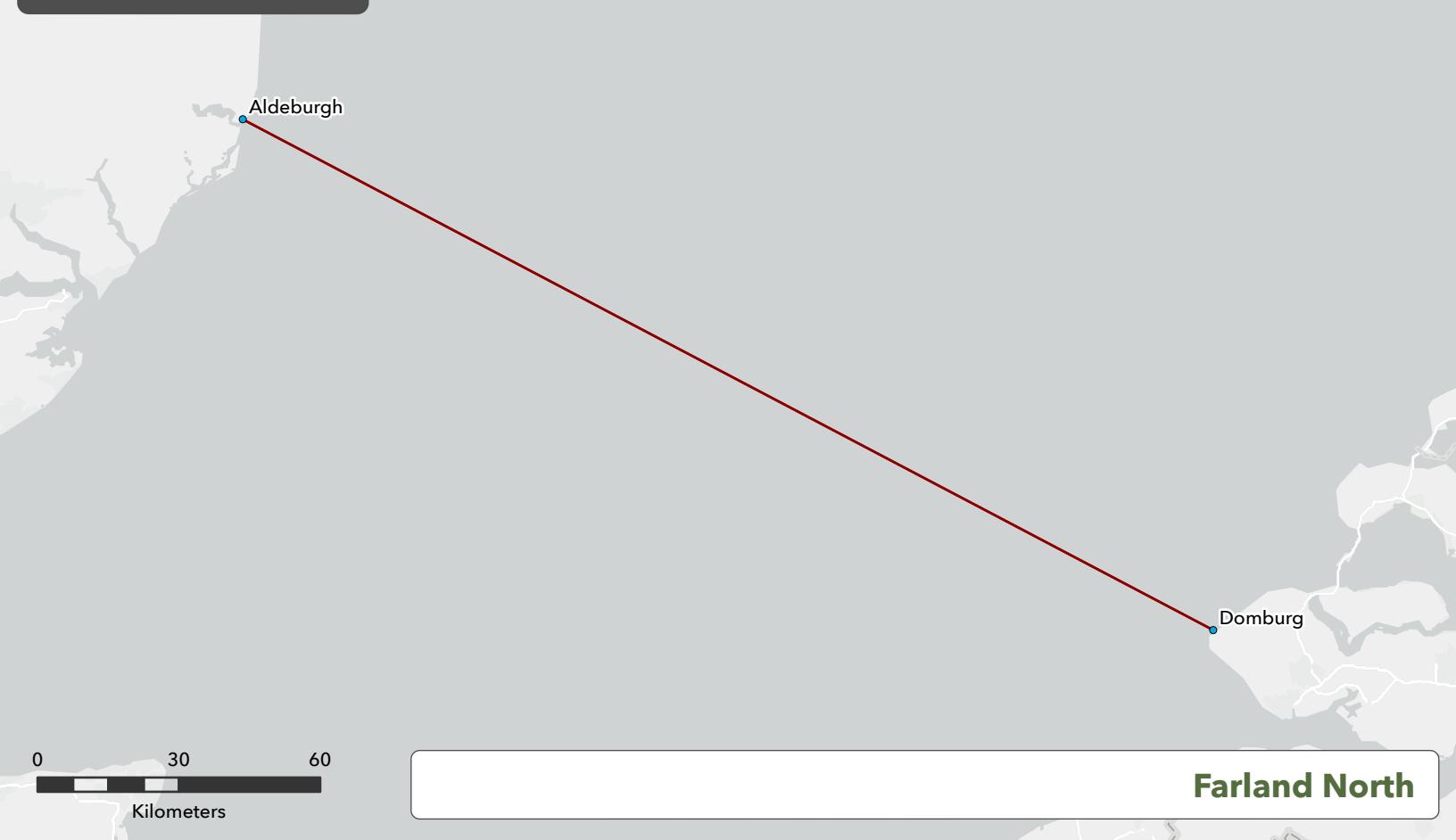


SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$10,000,000
Length (km)	112
Design Capacity (Tbps)	0.0037
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	FCR
Owner(s)	Maroc Telecom of Morocco, Telxius

LANDING POINTS

City	State/Province	Country
Estepona	Málaga	Spain
Tetouan	Tanger-Tetouan-Al Hoceima	Morocco



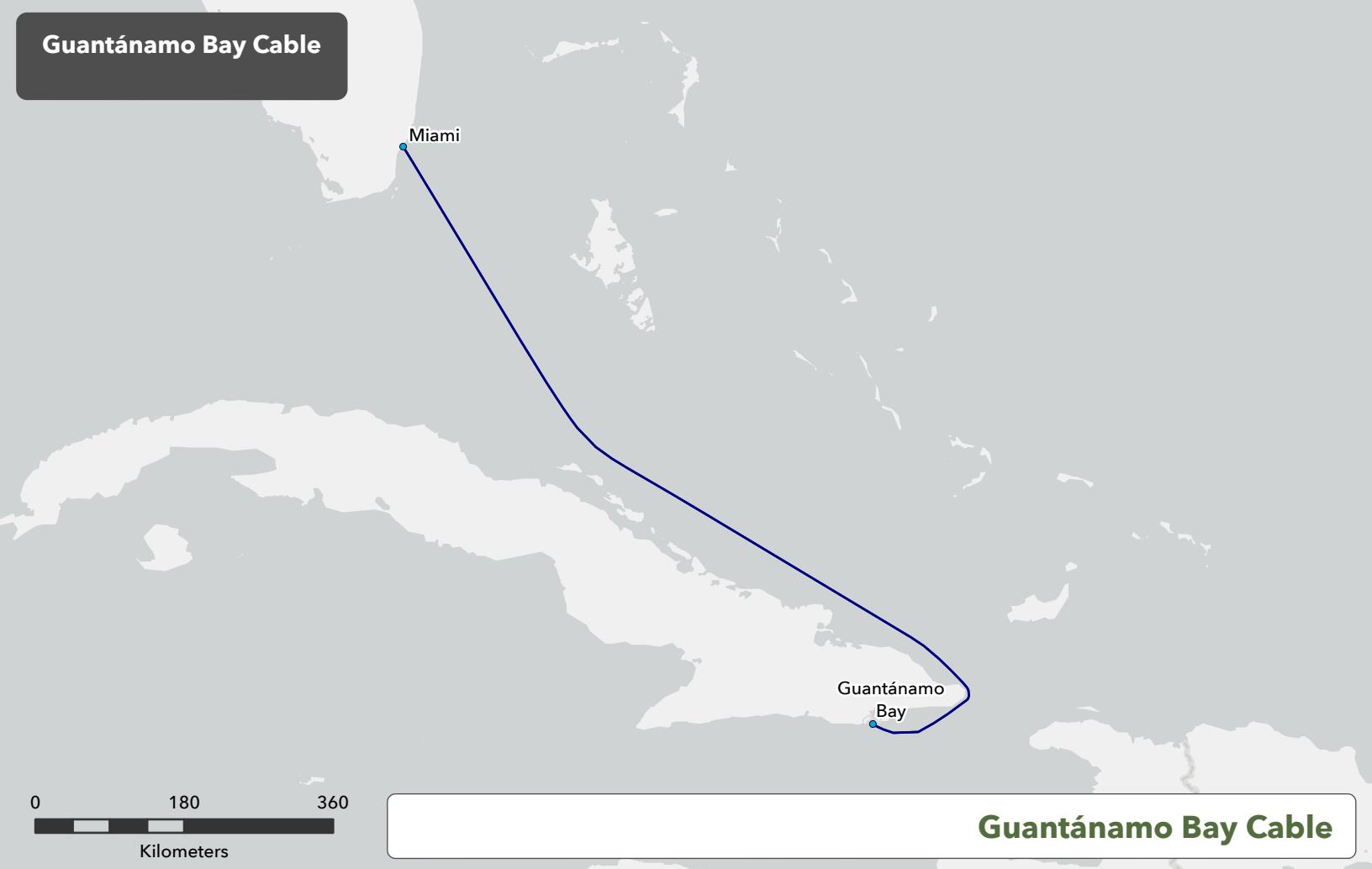
SYSTEM DETAILS

RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$10,000,000
Length (km)	149
Design Capacity (Tbps)	0.018
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	SubCom
Owner(s)	BT

LANDING POINTS

City	State/Province	Country
Aldeburgh	England	United Kingdom
Domburg	Zeeland	Netherlands

Guantánamo Bay Cable



Guantánamo Bay Cable

SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$35,000,000
Length (km)	1,500
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	Nexans, Xtera

LANDING POINTS

City	State/Province	Country
Guantánamo Bay	Guantánamo	Cuba
Miami	Florida	United States

System Installer	IT International Telecom
Owner(s)	US Government

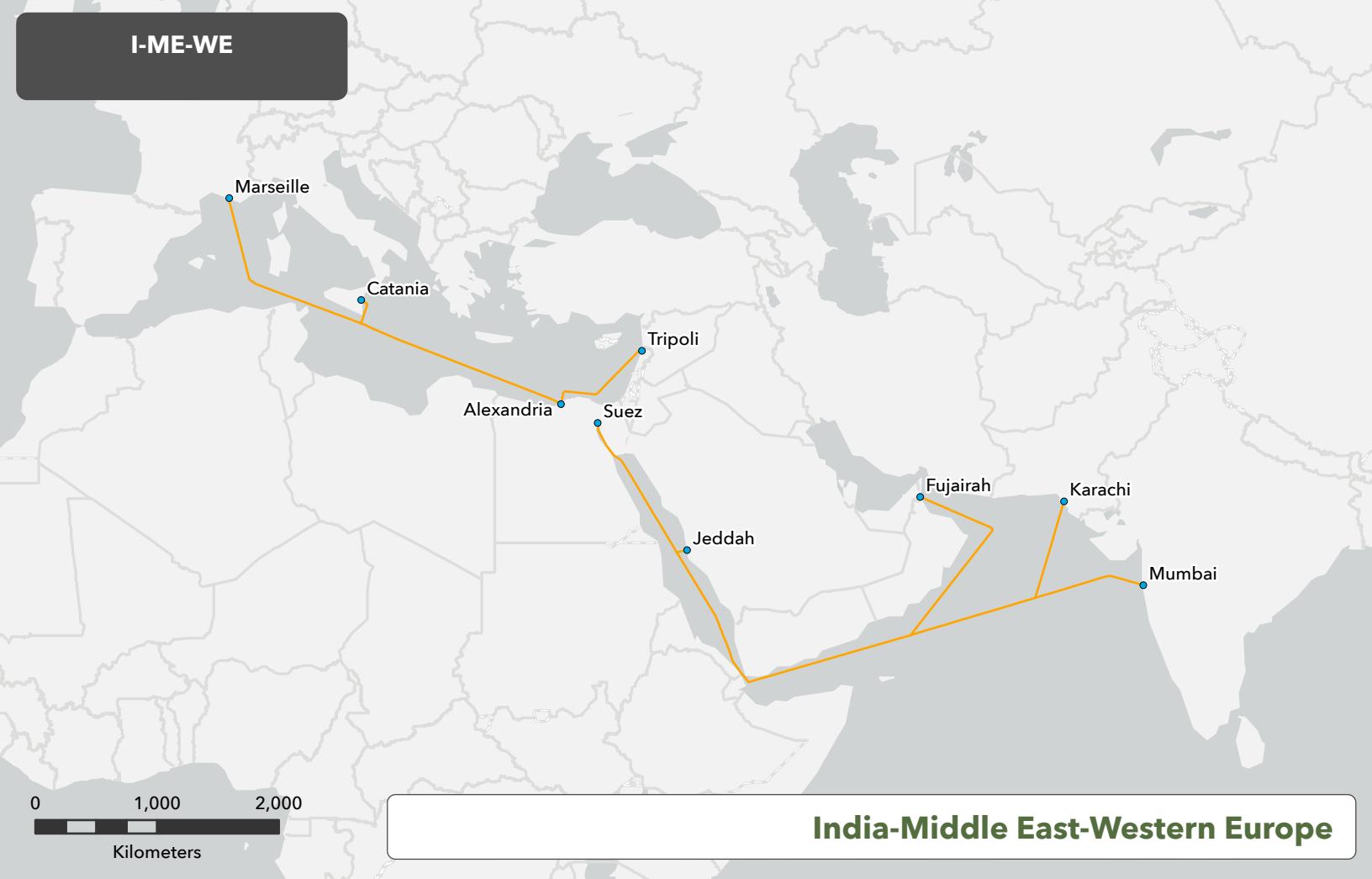


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$30,000,000
Length (km)	1,200
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Xtera
System Installer	Not Available
Owner(s)	US Government

LANDING POINTS

City	State/Province	Country
Guantánamo Bay	Guantánamo	Cuba
San Juan		Puerto Rico

**SYSTEM DETAILS**

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$32,000,000
Length (km)	12,091
Design Capacity (Tbps)	76.8
Fiber Pairs	3
Wavelengths per Fiber Pair	128
Capacity per Wavelength (Gbps)	200
System Supplier	Mitsubishi Electric Corporation

System Installer S.B. Submarine Systems

Owner(s) Bharti Airtel Limited, Etisalat, FT, Ogero, PTCL, Saudi Telecom Company, TATA Communications

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Catania	Sicily	Italy
Fujairah	Fujairah	United Arab Emirates
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Marseille	Provence-Alpes-Côte d'Azur	France
Mumbai	Maharashtra	India
Suez	Suez Governorate	Egypt
Tripoli	North Governorate	Lebanon

IONIAN

Crotone  Preveza



IONIAN

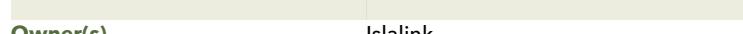
SYSTEM DETAILS

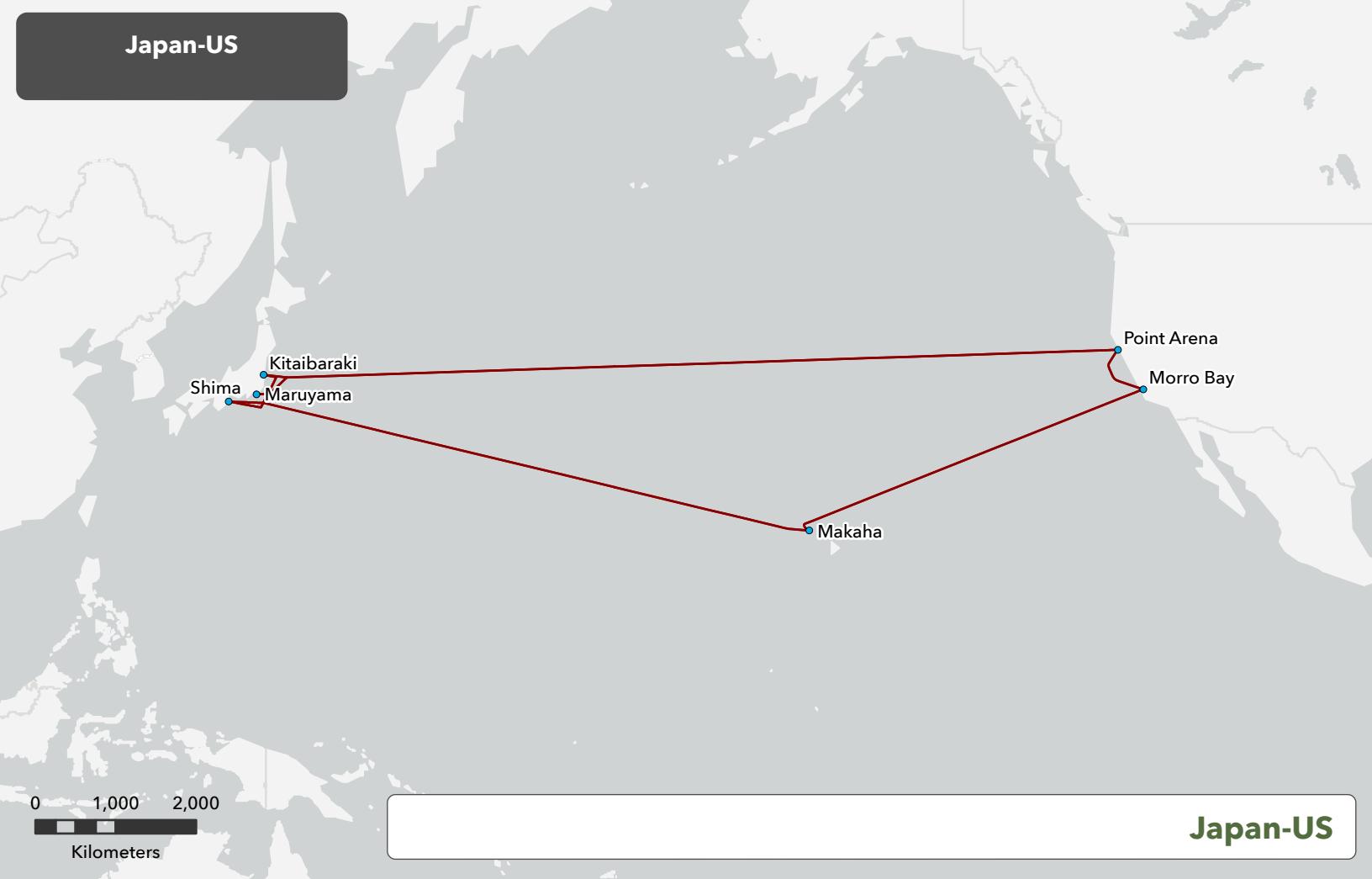
RFS Year	2023
EOS Year	2048
Est. System Cost (USD)	\$18,000,000
Length (km)	320
Design Capacity (Tbps)	360
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	15
System Supplier	Elettra, Prysmian Group/NSW

LANDING POINTS

City	State/Province	Country
Crotone	Calabria	Italy
Preveza	Epirus	Greece

System Installer  Elettra

Owner(s)  Islalink



SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$14,000,000
Length (km)	21,580
Design Capacity (Tbps)	21.6
Fiber Pairs	4
Wavelengths per Fiber Pair	16
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, Ocean Cable Company

LANDING POINTS

City	State/Province	Country
Kitaibaraki	Ibaraki	Japan
Makaha	Hawaii	United States
Maruyama	Chiba	Japan
Morro Bay	California	United States
Point Arena	California	United States
Shima	Mie	Japan

System Installer ASN, Global Marine Systems Limited

Owner(s) CAT Telecom, CenturyLink, China Telecom Corporation, Chunghwa Telecom Co., Communications Global Network Services Limited, Japan Telecom, KT Corporation, MCI WorldCom, NTT Worldwide Network, Orange, Singtel, SK Broadband, SoftBank, Sprint, Starhub Ltd., TATA Communications, Telekom Malaysia Berhad, Vodafone, Worldcom Global Networks Limited



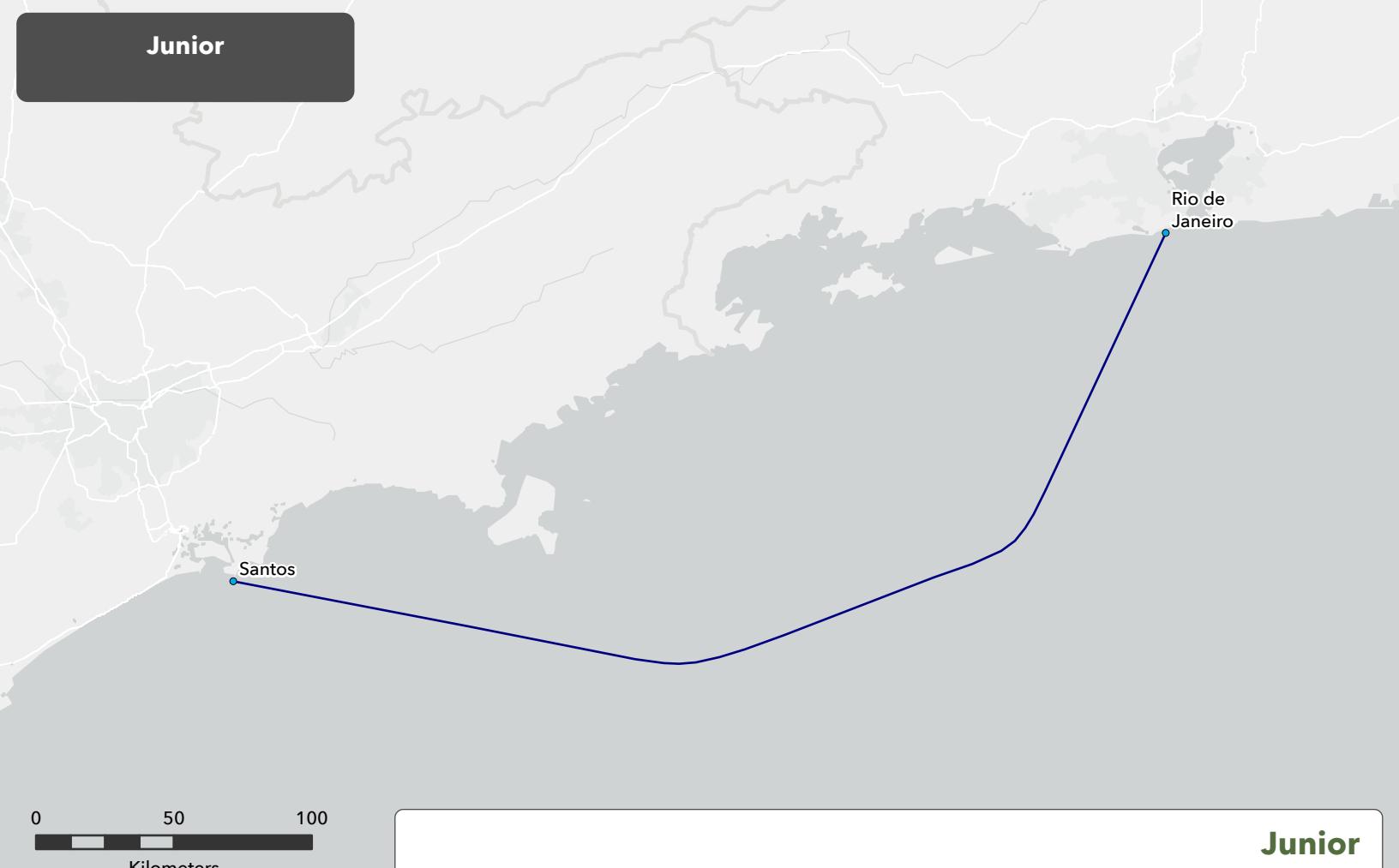
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$17,500,000
Length (km)	7,000
Design Capacity (Tbps)	36
Fiber Pairs	2
Wavelengths per Fiber Pair	180
Capacity per Wavelength (Gbps)	100
System Supplier	NEC

LANDING POINTS

City	State/Province	Country
Piti		Guam
Sunshine Coast	Queensland	Australia
Sydney	New South Wales	Australia

System Installer	Not Available
Owner(s)	AARNet, Google, RTI Connectivity



0 50 100
Kilometers

Junior

SYSTEM DETAILS

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$9,750,000
Length (km)	390
Design Capacity (Tbps)	Not Available
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	PadTec
System Installer	Orange
Owner(s)	Google, Telxius

LANDING POINTS

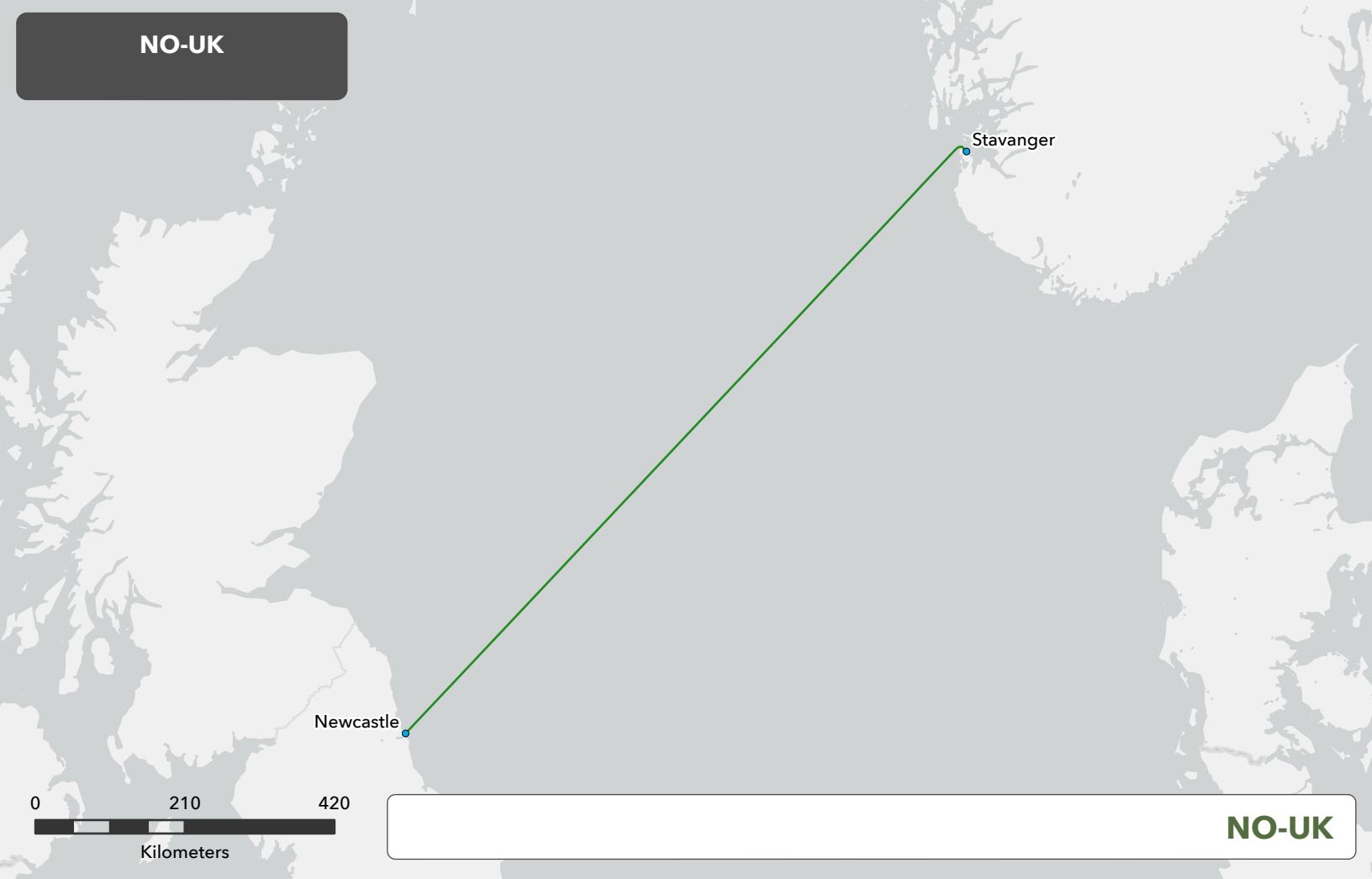
City	State/Province	Country
Rio de Janeiro	Rio de Janeiro	Brazil
Santos	São Paulo	Brazil

**SYSTEM DETAILS**

RFS Year	2017
EOS Year	2042
Est. System Cost (USD)	\$1,300,000
Length (km)	52
Design Capacity (Tbps)	9.6
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ZTT Cable
System Installer	Not Available
Owner(s)	Common Tower Technologies Sdn Bhd

LANDING POINTS

City	State/Province	Country
Kiamsam	Labuan	Malaysia
Tungku	Brunei-Muara	Brunei

NO-UK**SYSTEM DETAILS**

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$20,000,000
Length (km)	713
Design Capacity (Tbps)	216
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	400
System Supplier	Xtera
System Installer	Not Available
Owner(s)	NO-UK Com

LANDING POINTS

City	State/Province	Country
Newcastle	England	United Kingdom
Stavanger	Rogaland	Norway



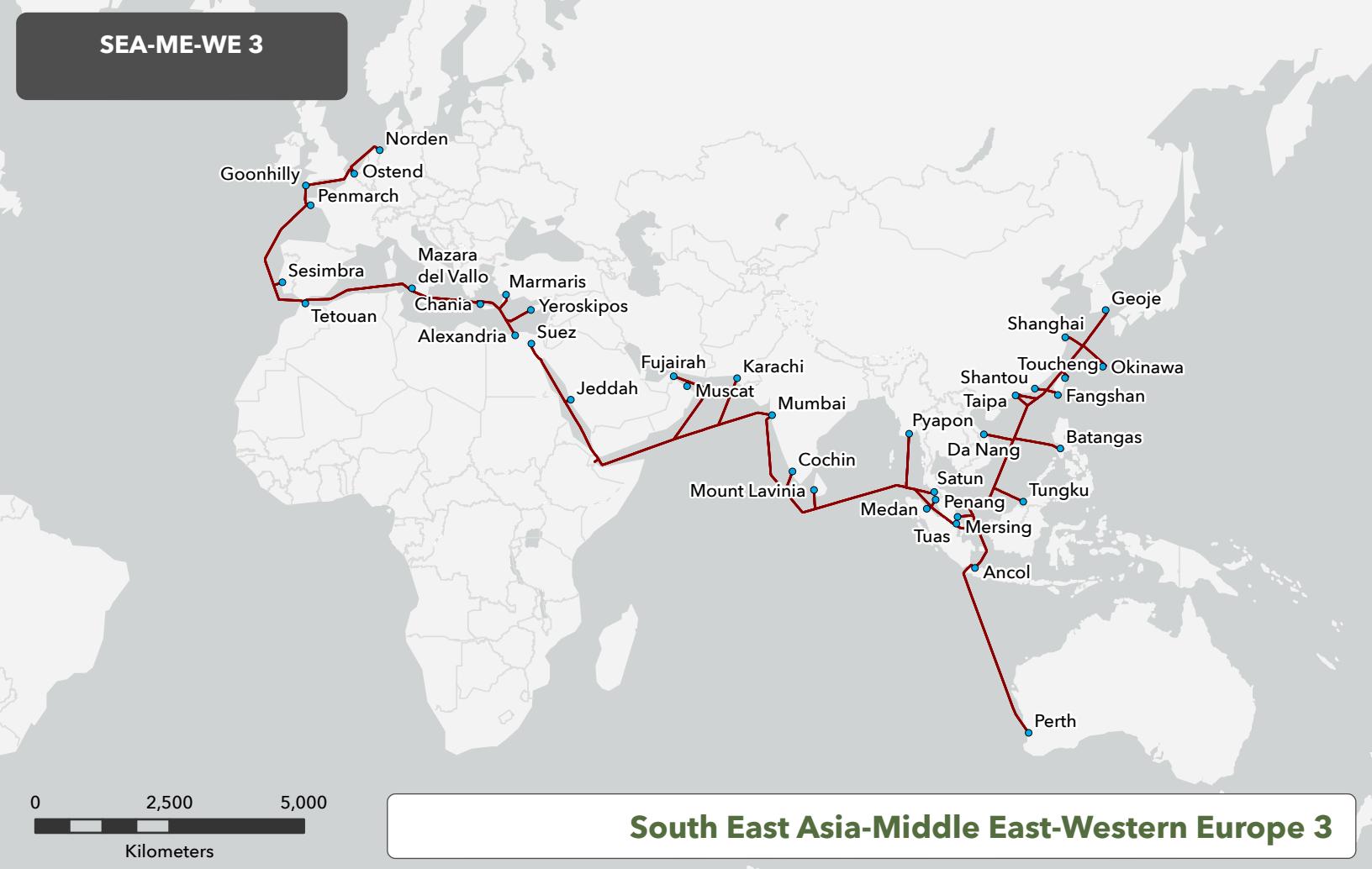
SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$14,375,000
Length (km)	575
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, IT International Telecom

LANDING POINTS

City	State/Province	Country
Hawaii Kai	Hawaii	United States
Kaunakakai	Hawaii	United States
Kekeha	Hawaii	United States
Makaha	Hawaii	United States
Maui	Hawaii	United States

System Installer	IT International Telecom
Owner(s)	Hawaiian Telecom



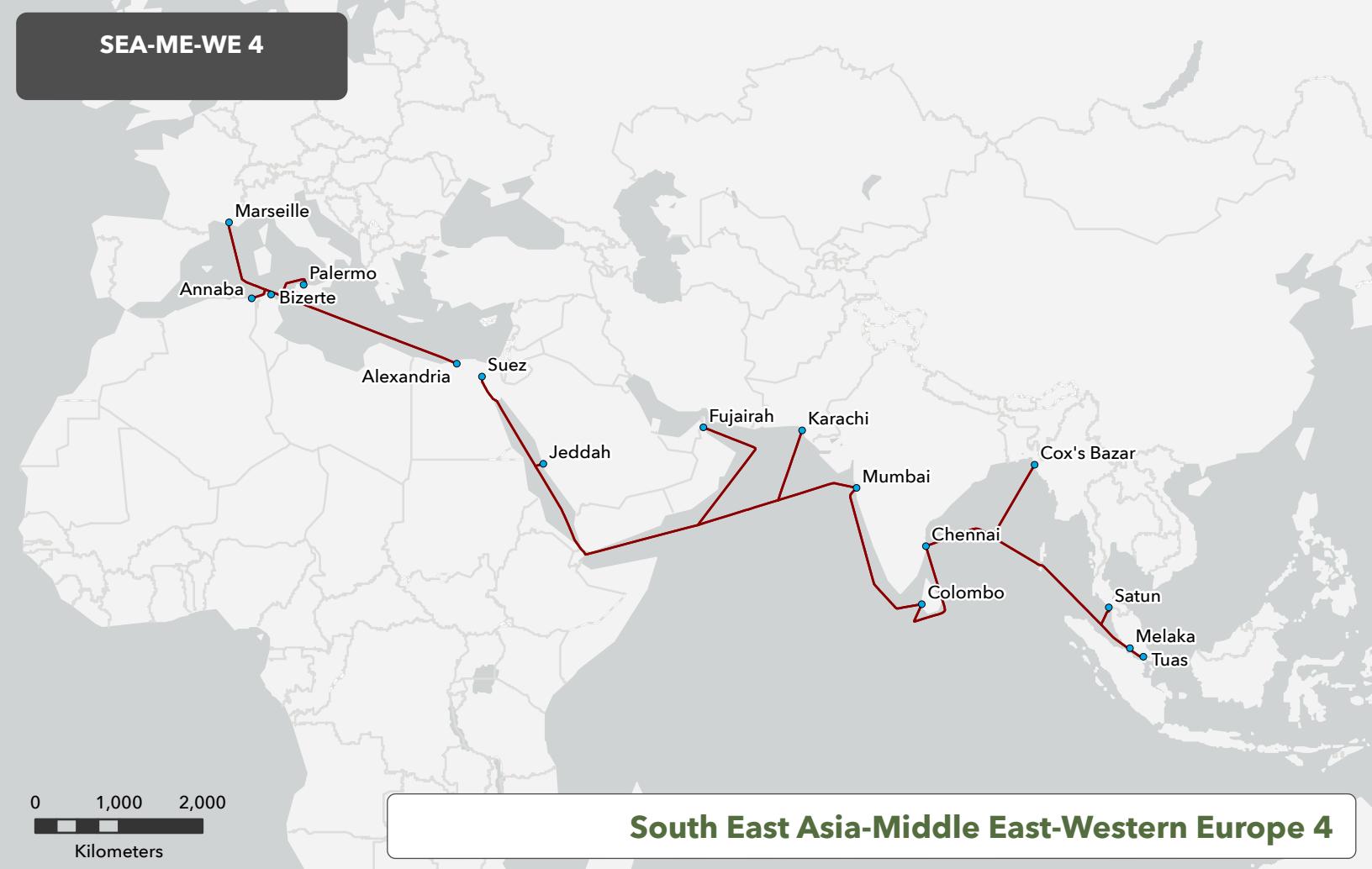
SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$15,000,000
Length (km)	32,767
Design Capacity (Tbps)	4.6
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, KDD-SCS, Pirelli, SubCom

System Installer	ASN, SubCom
Owner(s)	Cyprus Telecommunications Authority, Djibouti Telecom, SEA-ME-WE 3 Consortium, Singtel, TATA Communications, Telekom Malaysia Berhad, Telstra

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Ancol	Jakarta	Indonesia
Batangas	Calabarzon	Philippines
Chania	Crete	Greece
Cochin	Kerala	India
Da Nang	South Central Coast	Vietnam
Fangshan	Pingtung	Taiwan
Fujairah	Fujairah	United Arab Emirates
Geoje	South Gyeongsang	South Korea
Goonhilly	England	United Kingdom
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Marmaris	Muğla	Turkey
Mazara del Vallo	Sicily	Italy
Medan	North Sumatra	Indonesia
Mersing	Johor	Malaysia
Mount Lavinia	Western Province	Sri Lanka
Mumbai	Maharashtra	India
Muscat	Muscat	Oman
Norden	Lower Saxony	Germany
Okinawa	Okinawa	Japan
Ostend	West Flanders	Belgium
Penang	Penang	Malaysia
Penmarch	Brittany	France
Perth	Western Australia	Australia
Pyapon	Pyapon	Myanmar
Satun	Satun	Thailand
Sesimbra	Lisbon	Portugal
Shanghai	Shanghai	China
Shantou	Guangdong Province	China
Suez	Suez Governorate	Egypt
Taipa	Guangdong Province	China
Tetouan	Tanger-Tetouan-Al Hoceima	Morocco
Toucheng	Yilan	Taiwan
Tuas	West Region	Singapore
Tungku	Brunei-Muara	Brunei
Yeroskipos	Paphos	Cyprus



SYSTEM DETAILS

RFS Year	2005
EOS Year	2030
Est. System Cost (USD)	\$50,000,000
Length (km)	18,846
Design Capacity (Tbps)	12.8
Fiber Pairs	2
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	100
System Supplier	Fujitsu, Mitsubishi Electric Corporation
System Installer	ASN, Orange, Telekom Malaysia Berhad
Owner(s)	Algerie Telecom, Bangladesh Submarine Cable Company, Bharti Airtel Limited, CAT Telecom, Du, FT, Pakistan Telecommunication Company Limited, Saudi Telecom Company, Sri Lanka Telecom Limited, TATA Communications, Telekom Malaysia Berhad, Tunisie Telecom, Verizon

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Annaba	Annaba Province	Algeria
Bizerte	Bizerte	Tunisia
Chennai	Tamil Nadu	India
Colombo	Western Province	Sri Lanka
Cox's Bazar	Chittagong Division	Bangladesh
Fujairah	Fujairah	United Arab Emirates
Jeddah	Mecca	Saudi Arabia
Karachi	Sindh	Pakistan
Marseille	Provence-Alpes-Côte d'Azur	France
Melaka	Malacca	Malaysia
Mumbai	Maharashtra	India
Palermo	Sicily	Italy
Satun	Satun	Thailand
Suez	Suez Governorate	Egypt
Tuas	West Region	Singapore

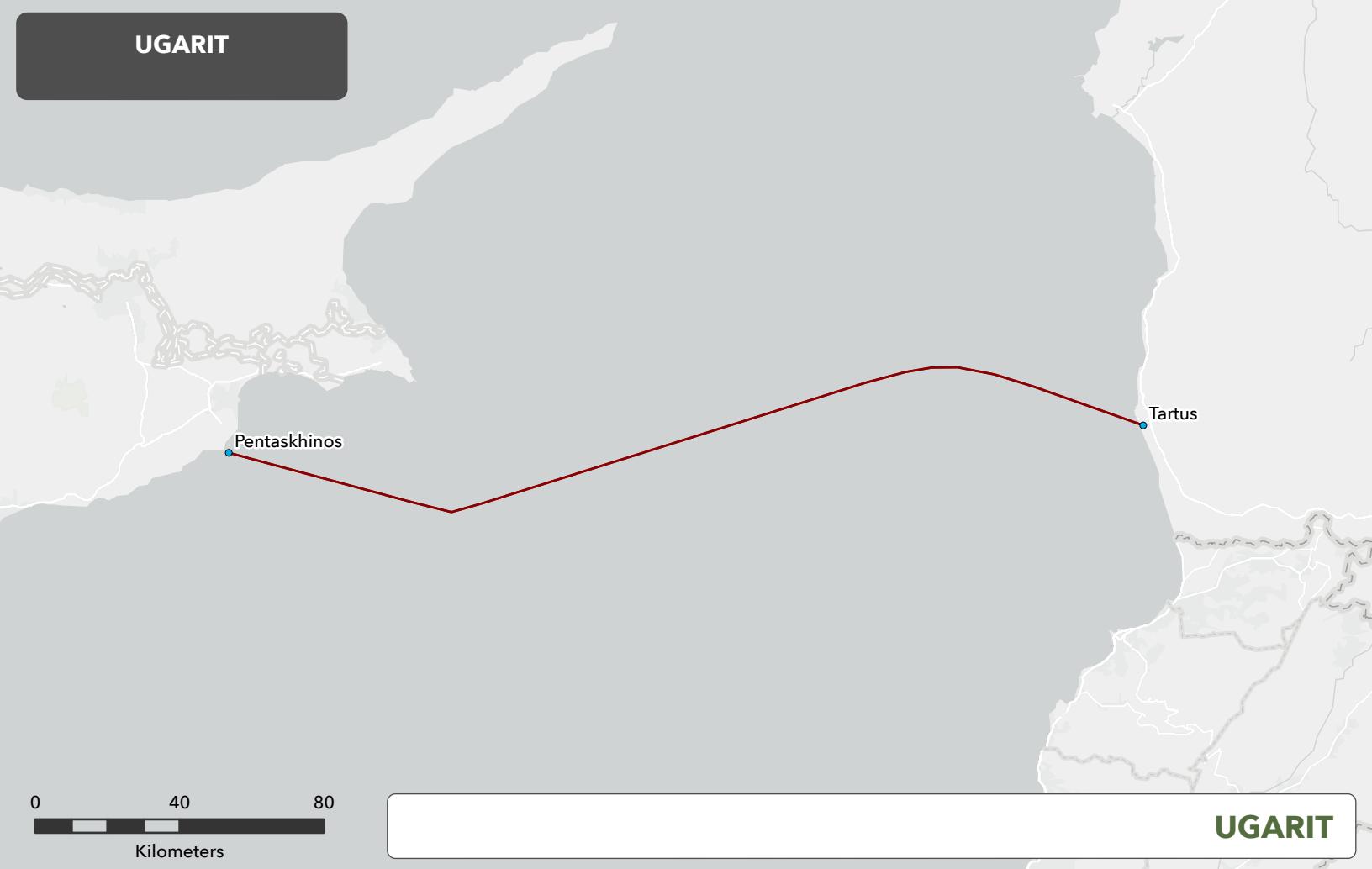


SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$27,000,000
Length (km)	828
Design Capacity (Tbps)	0.57
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	ASN, Xtera
System Installer	IT International Telecom
Owner(s)	Faroese Telecom

LANDING POINTS

City	State/Province	Country
Ayre of Cara	Scotland	United Kingdom
Banff	Scotland	United Kingdom
Maywick	Scotland	United Kingdom
Sandwick	Scotland	United Kingdom
Tórshavn		Faroe Islands



SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$16,000,000
Length (km)	240
Design Capacity (Tbps)	0.000622
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	SubCom
System Installer	Not Available
Owner(s)	Cyprus Telecommunications Authority

LANDING POINTS

City	State/Province	Country
Pentaskhinos	Larnaca	Cyprus
Tartus	Tartus	Syria



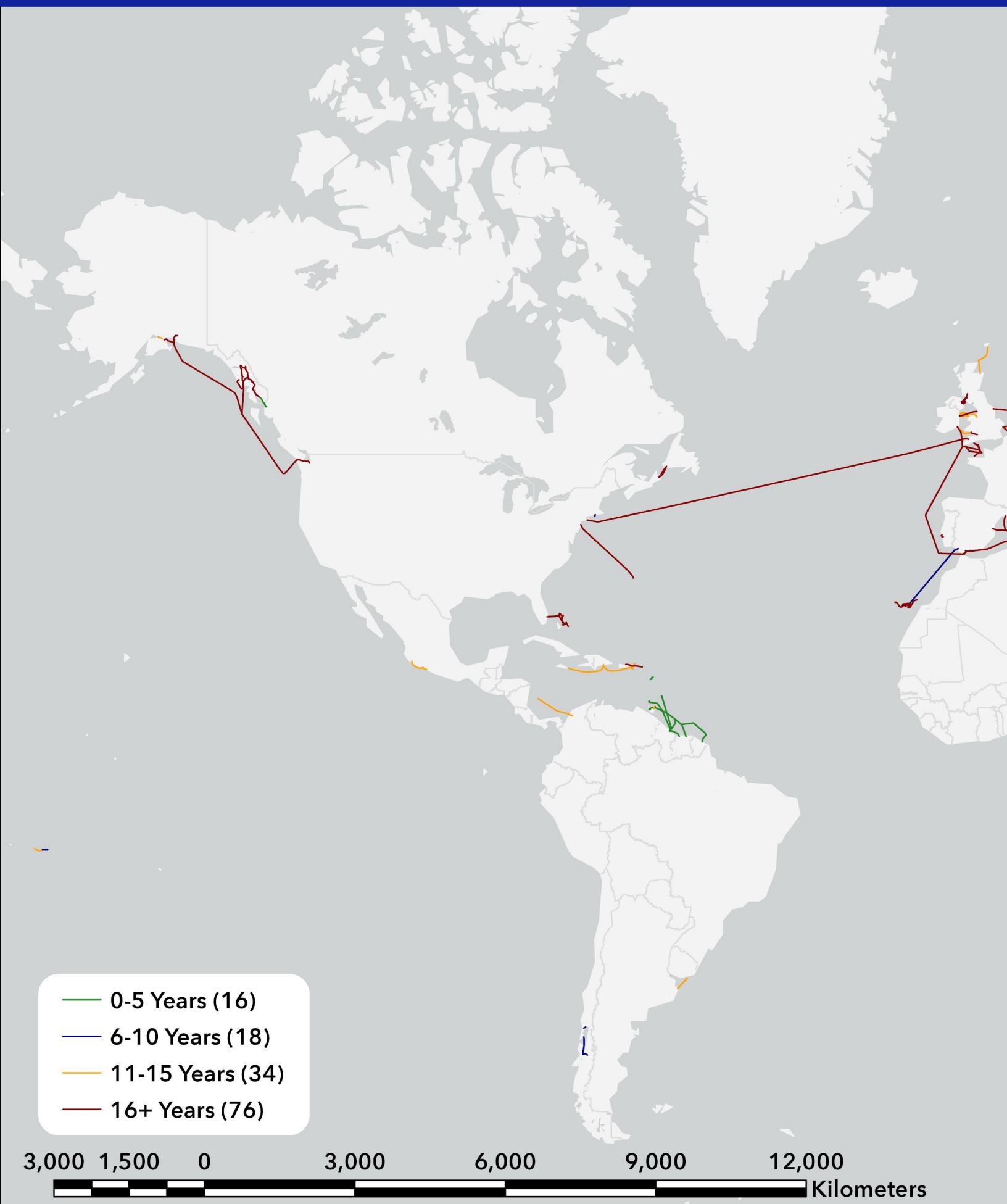
SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$5,000,000
Length (km)	200
Design Capacity (Tbps)	0.6
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Hexatronic Cables & Interconnect Systems AB
System Installer	Not Available
Owner(s)	Zayo Group

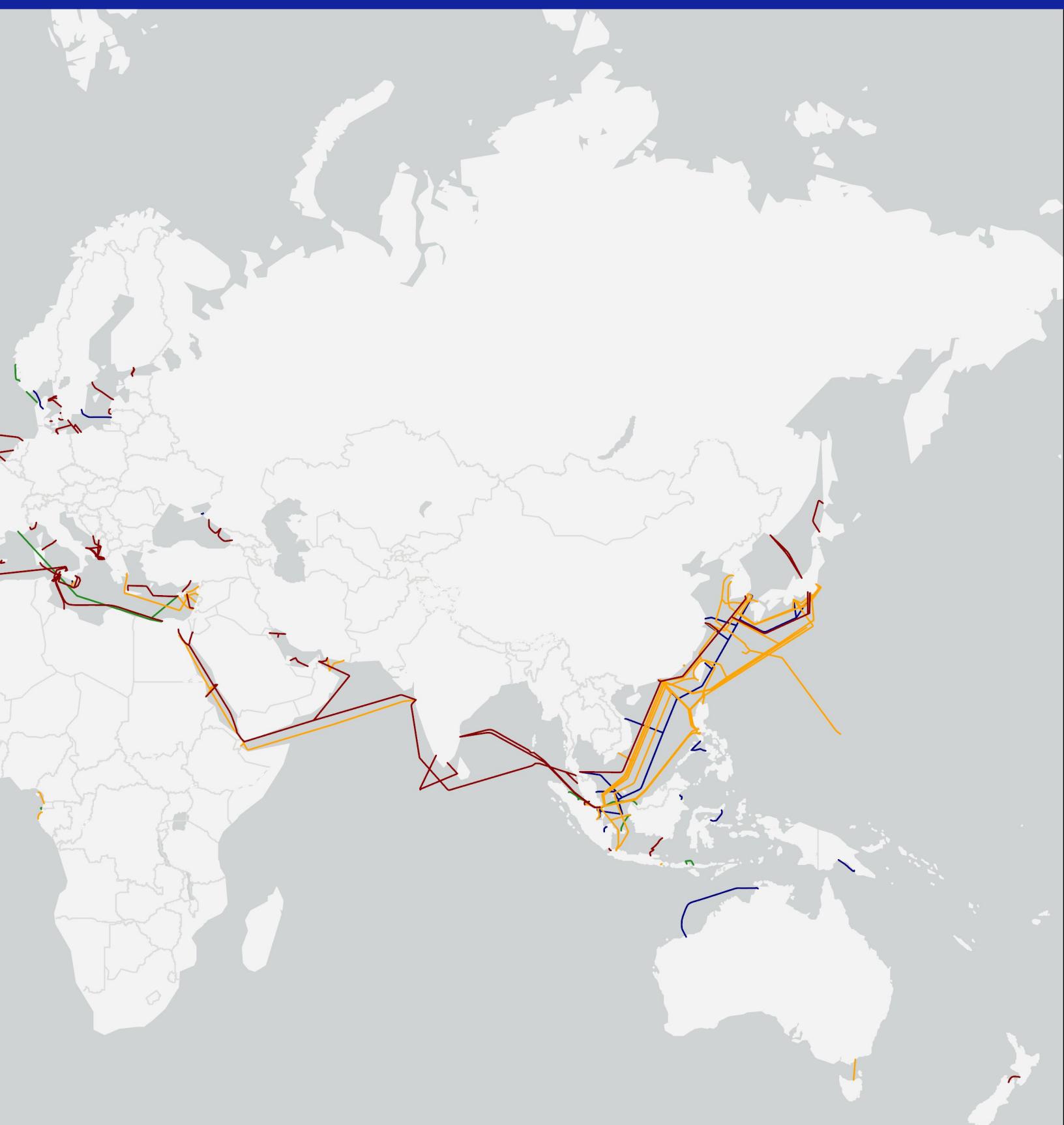
LANDING POINTS

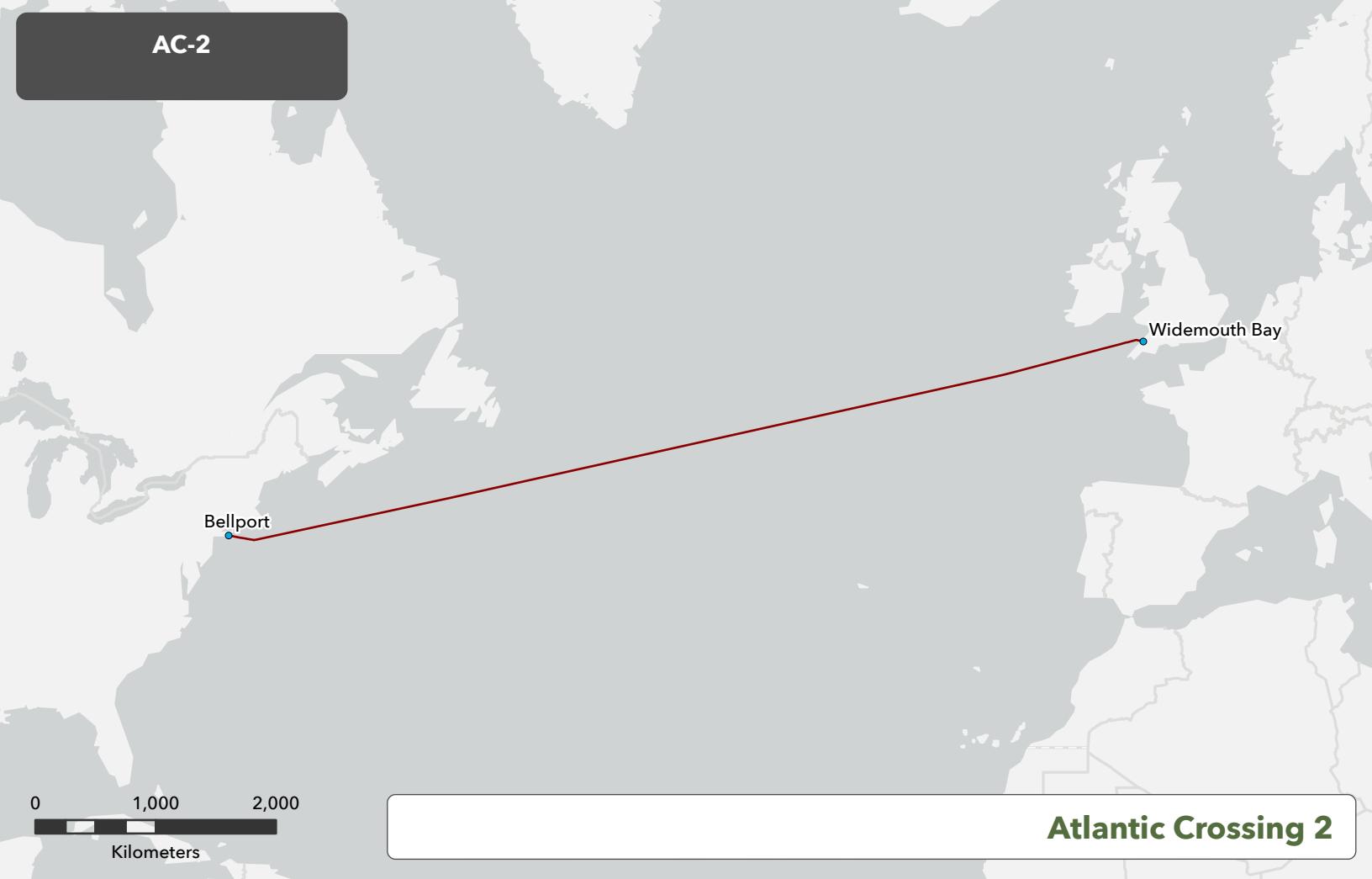
City	State/Province	Country
Lowestoft	England	United Kingdom
Zandvoort	North Holland	Netherlands

In Service System



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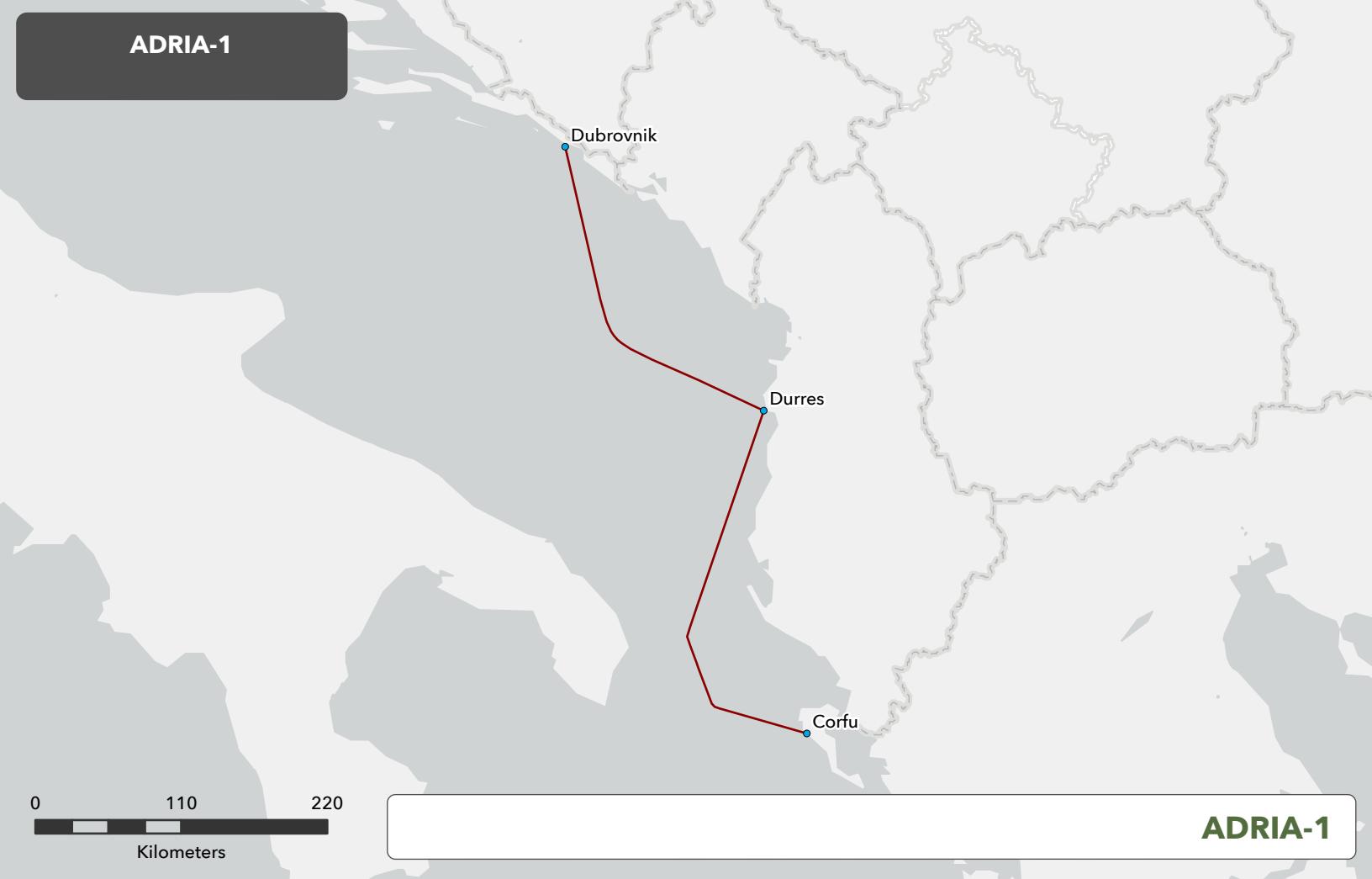
SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$70,000,000
Length (km)	6,185
Design Capacity (Tbps)	8.64
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	CenturyLink

LANDING POINTS

City	State/Province	Country
Bellport	New York	United States
Widemouth Bay	England	United Kingdom

ADRIA-1



ADRIA-1

SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$13,400,000
Length (km)	430
Design Capacity (Tbps)	0.000622
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASN
Owner(s)	OTE Globe

LANDING POINTS

City	State/Province	Country
Corfu	Ionian Islands	Greece
Dubrovnik	Dubrovnik-Neretva	Croatia
Durres	Northern Albania	Albania

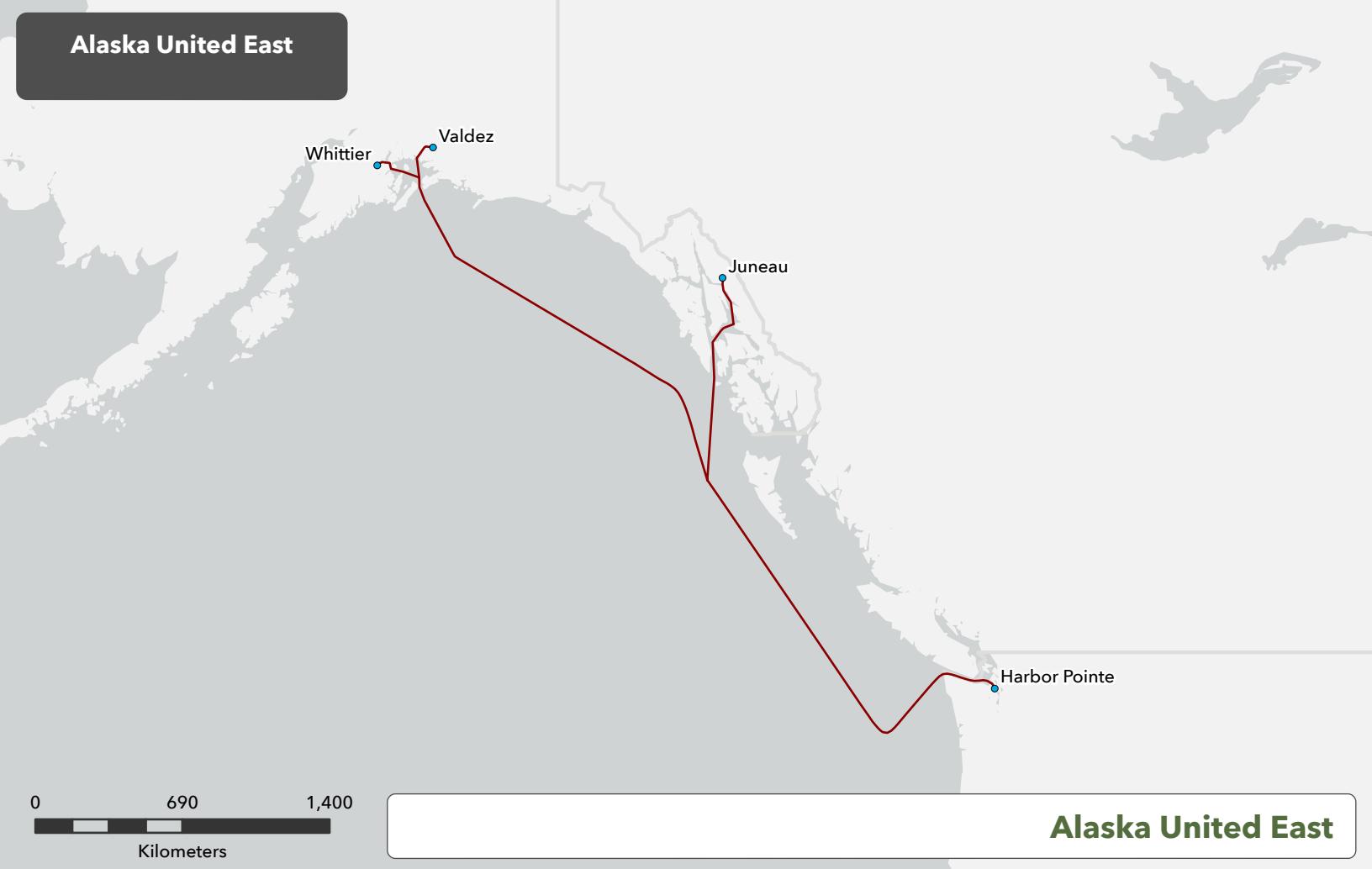


SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$15,000,000
Length (km)	350
Design Capacity (Tbps)	25.6
Fiber Pairs	8
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	40
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Pentaskhinos	Larnaca	Cyprus
Tartus	Tartus	Syria
System Installer		Not Available
Owner(s)		Cyprus Telecommunications Authority, Syrian Telecommunications Authority



SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$10,000,000
Length (km)	3,751
Design Capacity (Tbps)	0.01
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GCI

LANDING POINTS

City	State/Province	Country
Harbor Pointe	Washington	United States
Juneau	Alaska	United States
Valdez	Alaska	United States
Whittier	Alaska	United States



SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$15,000,000
Length (km)	250
Design Capacity (Tbps)	3.84
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

System Installer IT International Telecom

Owner(s) Antel, Telecom Argentina

LANDING POINTS

City	State/Province	Country
Las Toninas	Buenos Aires Province	Argentina
Maldonado	Maldonado	Uruguay



SYSTEM DETAILS

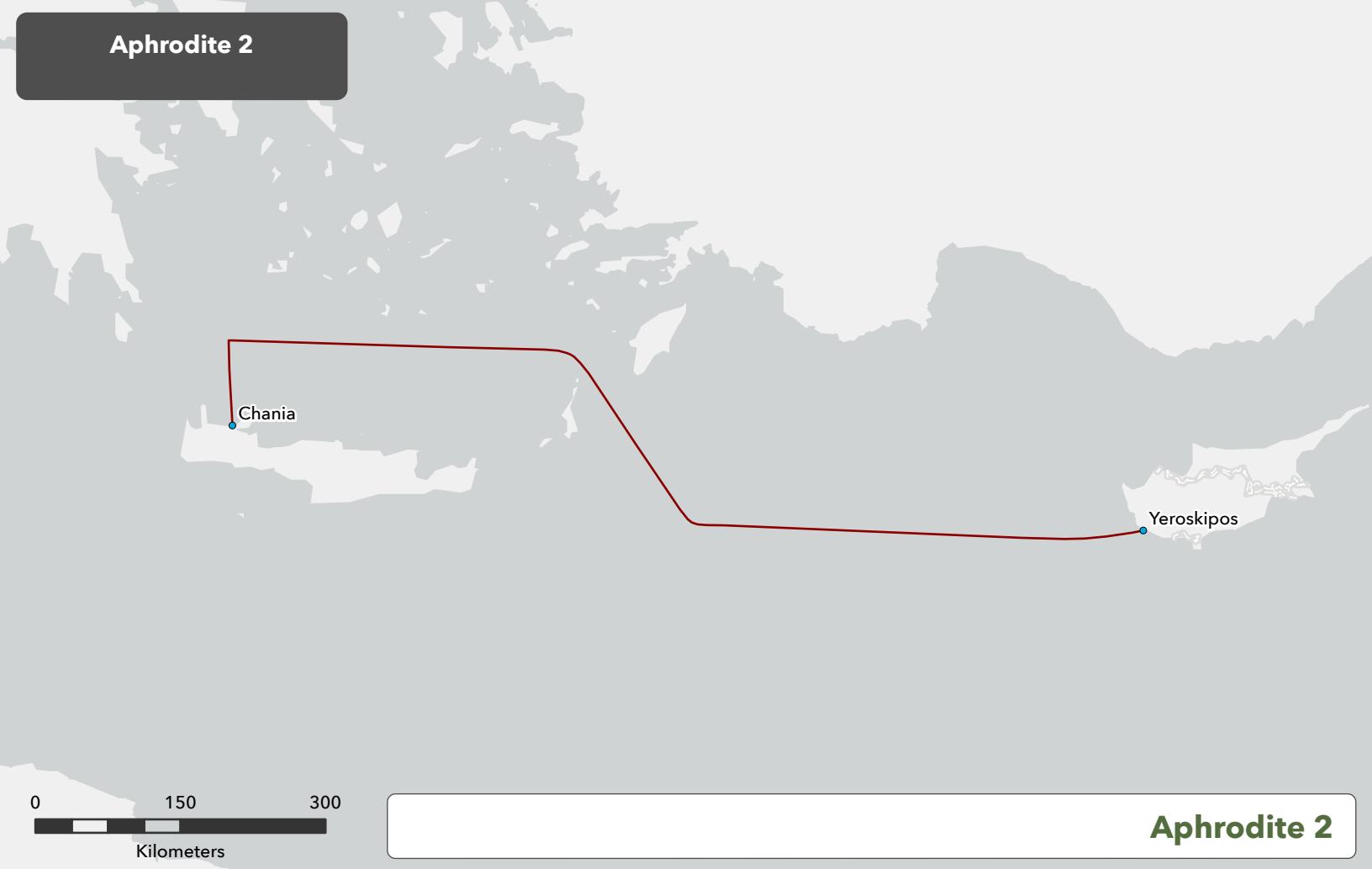
RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$31,300,000
Length (km)	10,400
Design Capacity (Tbps)	54
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	Not Available

System Installer	S.B. Submarine Systems, Telekom Malaysia Berhad
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Owner(s)	China Telecom Corporation, China Unicom, Chunghwa Telecom International, FPT Corp., Meta, PLDT, Starhub Ltd., Telekom Malaysia Berhad, TIME dotCom Berhad, VNPT, Vodafone
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LANDING POINTS

City	State/Province	Country
Busan	Yeongnam	South Korea
Chongming	Shanghai	China
Da Nang	South Central Coast	Vietnam
Kuantan	Pahang	Malaysia
Maruyama	Chiba	Japan
Nanhui District	Shanghai	China
Shima	Mie	Japan
Songkhla	Songkhla	Thailand
Tanah Merah	East Region	Singapore
Toucheng	Yilan	Taiwan
Tseung Kwan O	Hong Kong	China

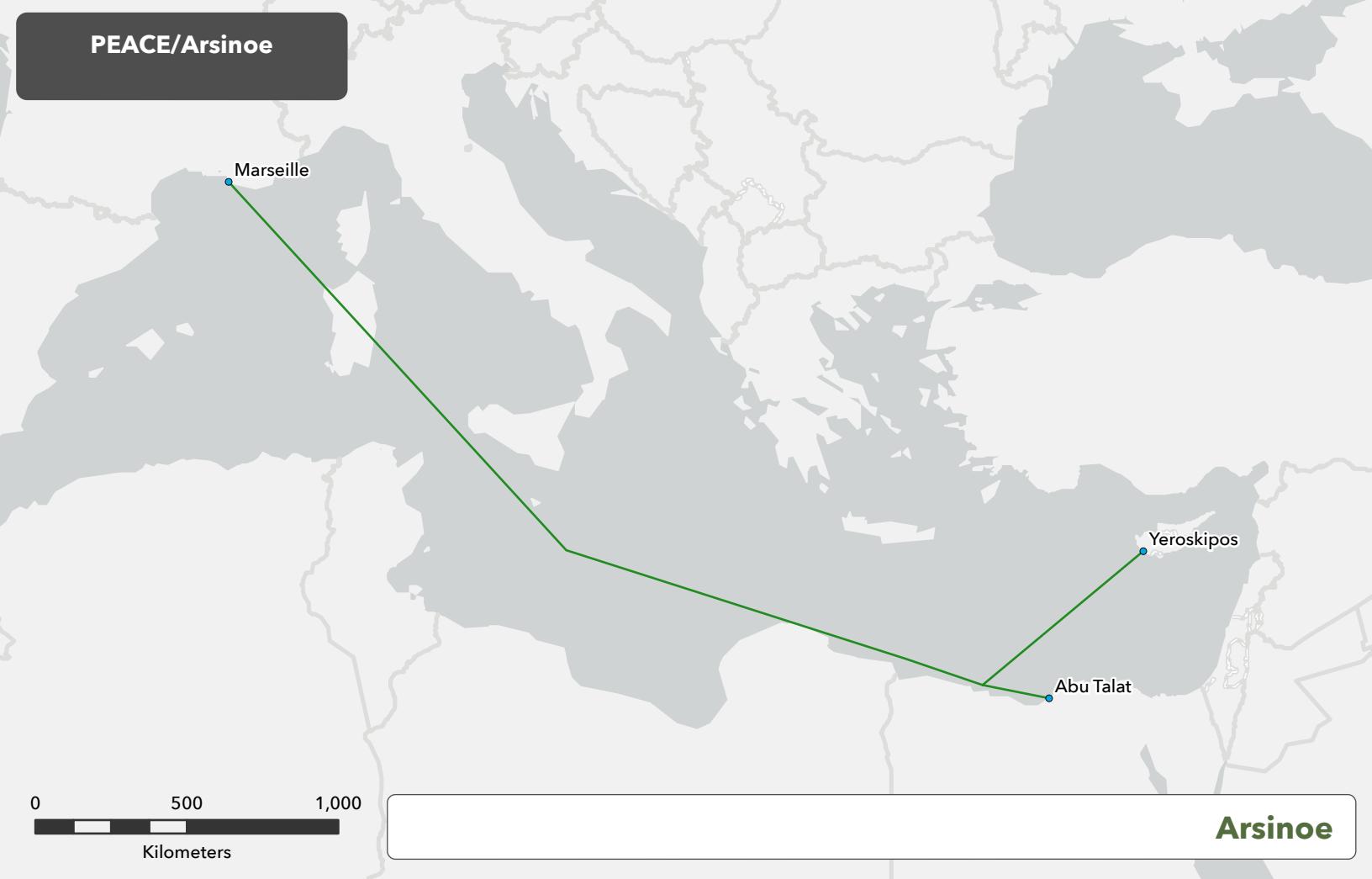


SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$30,000,000
Length (km)	868
Design Capacity (Tbps)	0.00112
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASN, Orange
Owner(s)	Belgacom, BT, Cyprus Telecommunications Authority, FT, OTE Globe, Sprint, Verizon

LANDING POINTS

City	State/Province	Country
Chania	Crete	Greece
Yeroskipos	Paphos	Cyprus



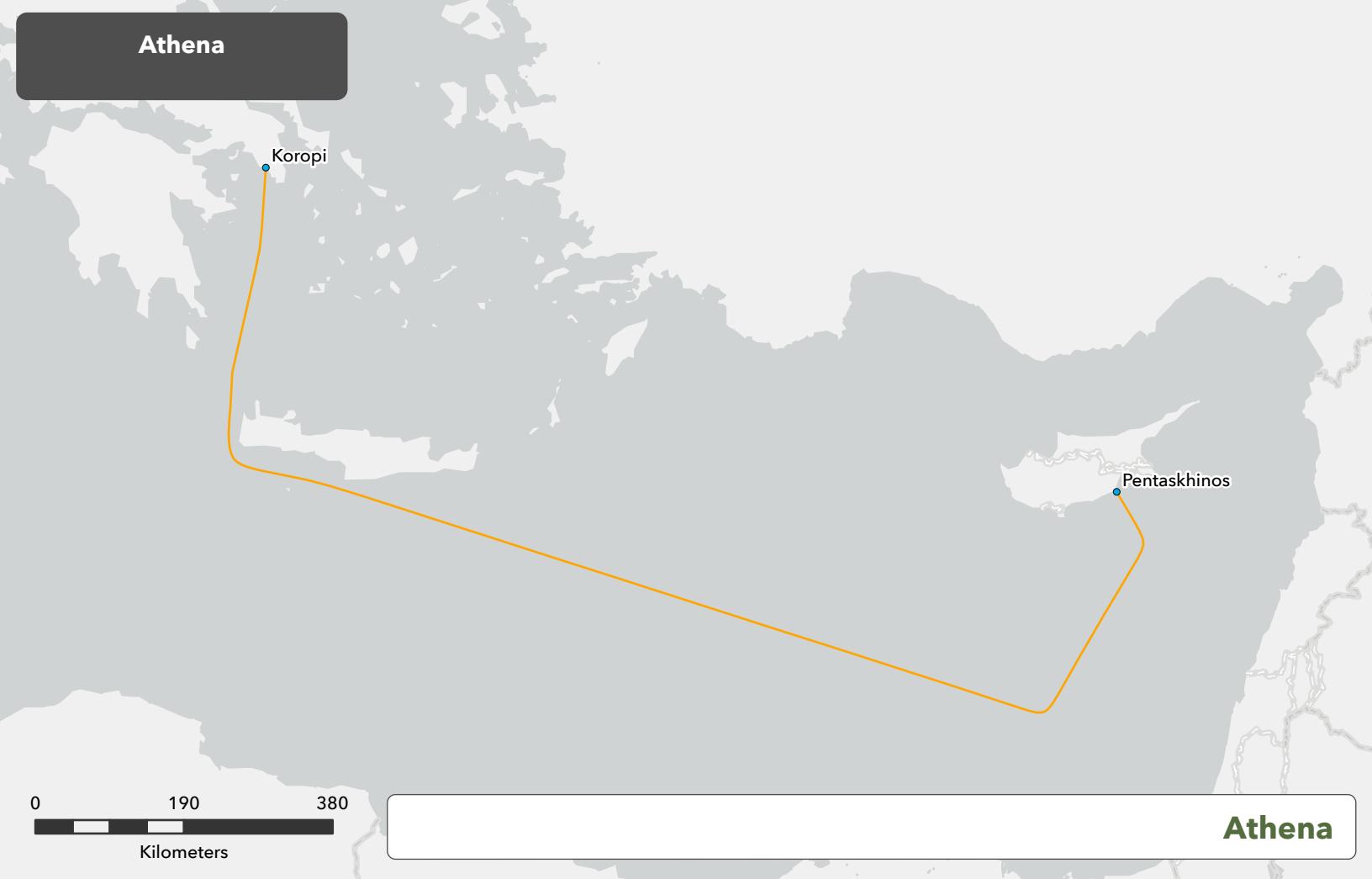
SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$93,750,000
Length (km)	3,750
Design Capacity (Tbps)	Not Available
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	200
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Cyprus Telecommunications Authority

LANDING POINTS

City	State/Province	Country
Abu Talat	Alexandria Governorate	Egypt
Marseille	Provence-Alpes-Côte d'Azur	France
Yeroskipos	Paphos	Cyprus

Athena



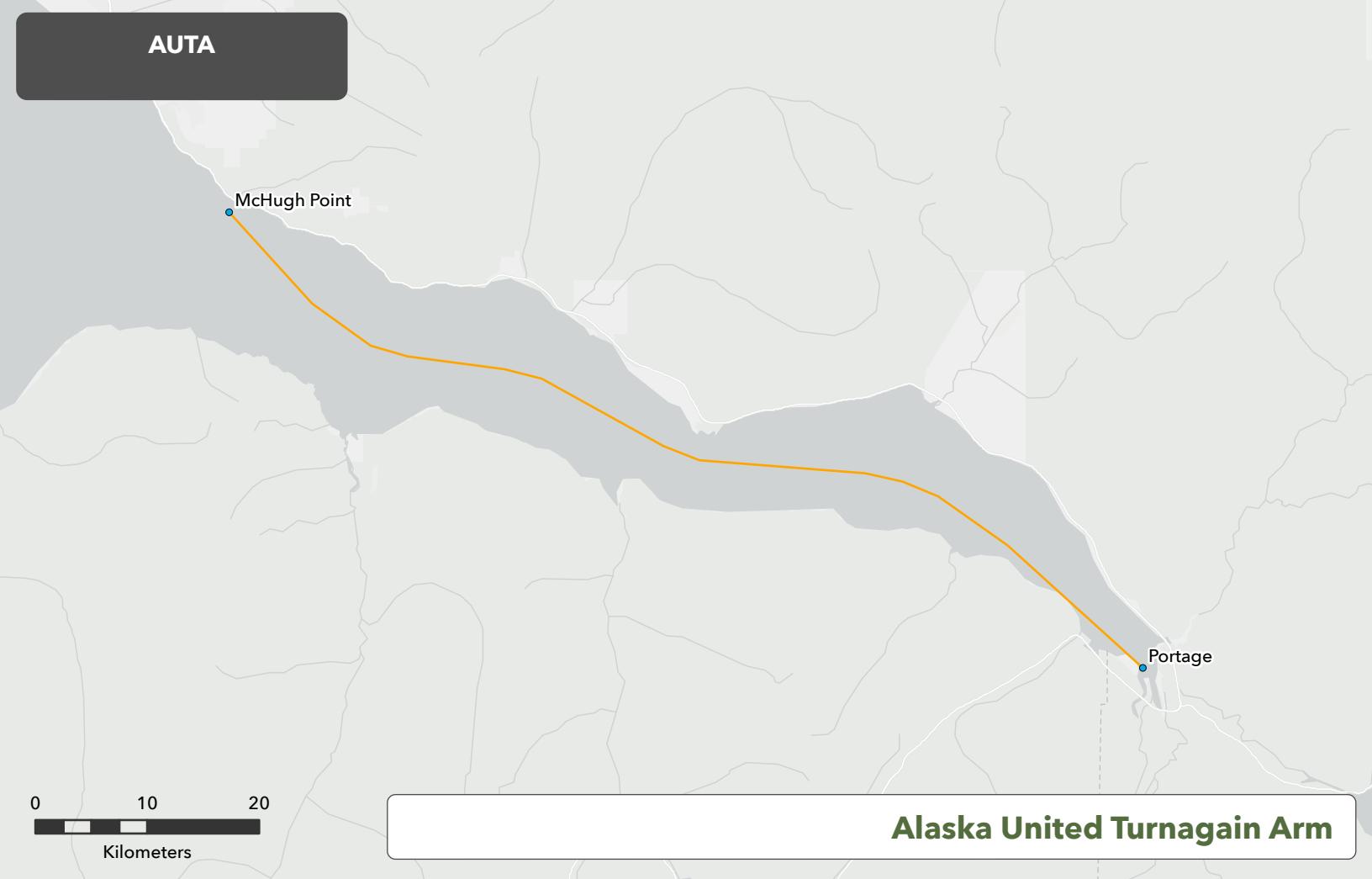
SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$15,000,000
Length (km)	600
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Koropi	Attica	Greece
Pentaskhinos	Larnaca	Cyprus

System Installer	Not Available
Owner(s)	Cyprus Telecommunications Authority

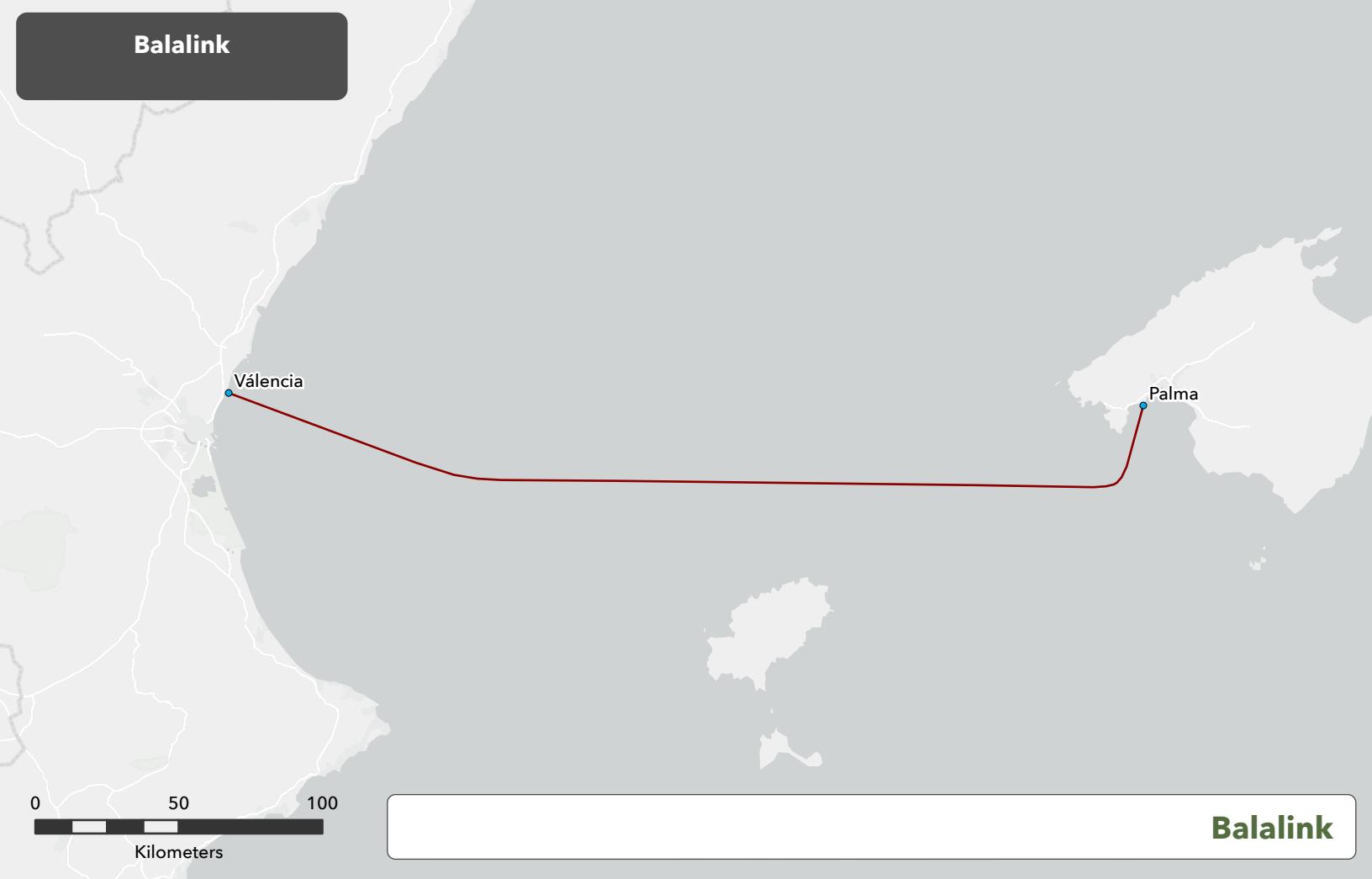


SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$1,325,000
Length (km)	53
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GCI

LANDING POINTS

City	State/Province	Country
McHugh Point	Alaska	United States
Portage	Alaska	United States



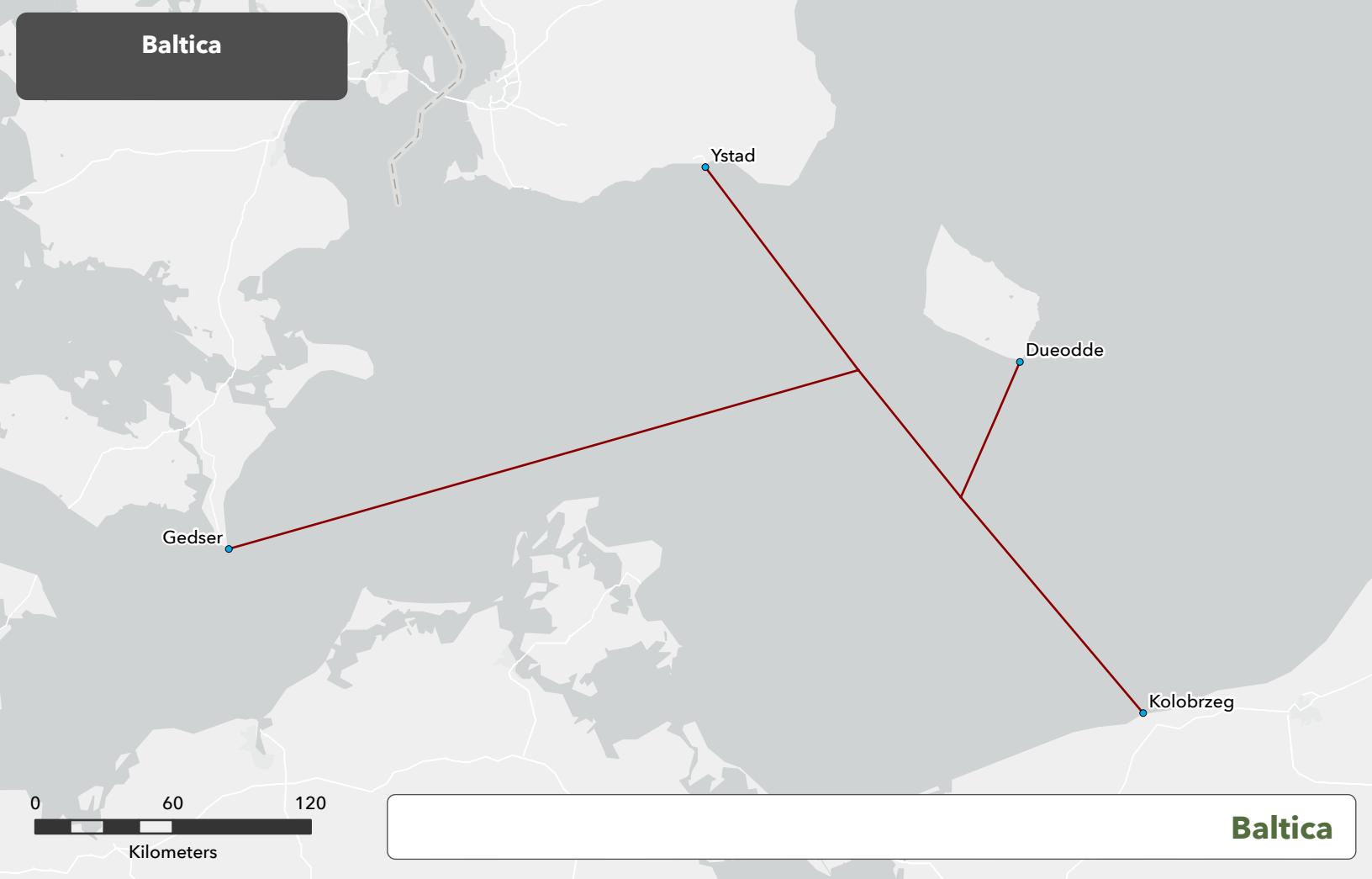
SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$13,700,000
Length (km)	274
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Islalink

LANDING POINTS

City	State/Province	Country
Palma	Balaeric Islands	Spain
Válencia	Válencia	Spain

Baltica

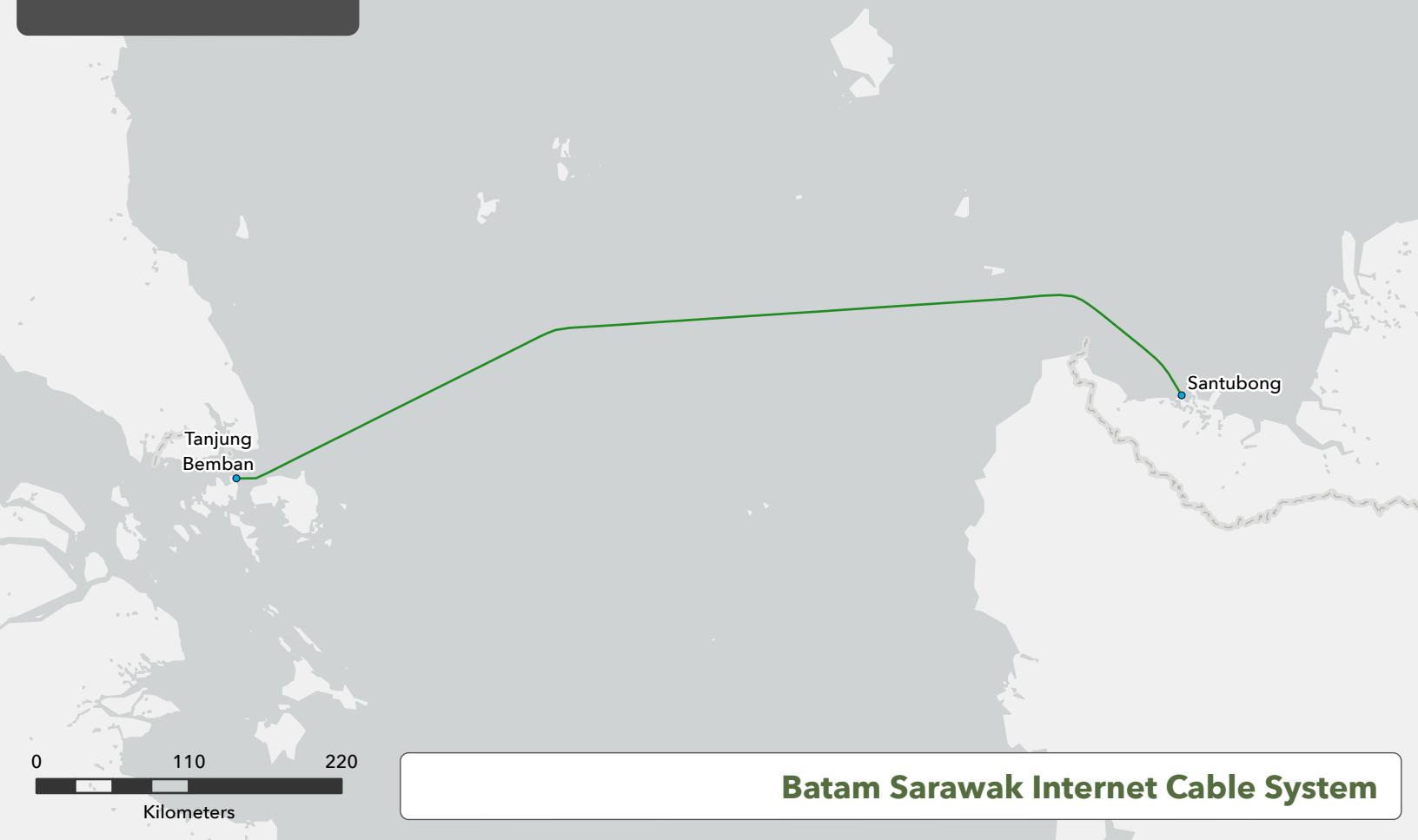


SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$16,000,000
Length (km)	437
Design Capacity (Tbps)	0.005
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Arelion, Polish Telecom, TDC, Telecom Finland, Telenor

LANDING POINTS

City	State/Province	Country
Dueodde	Bornholm	Denmark
Gedser	Sjælland	Denmark
Kolobrzeg	West Pomeranian	Poland
Ystad	Skåne	Sweden



SYSTEM DETAILS

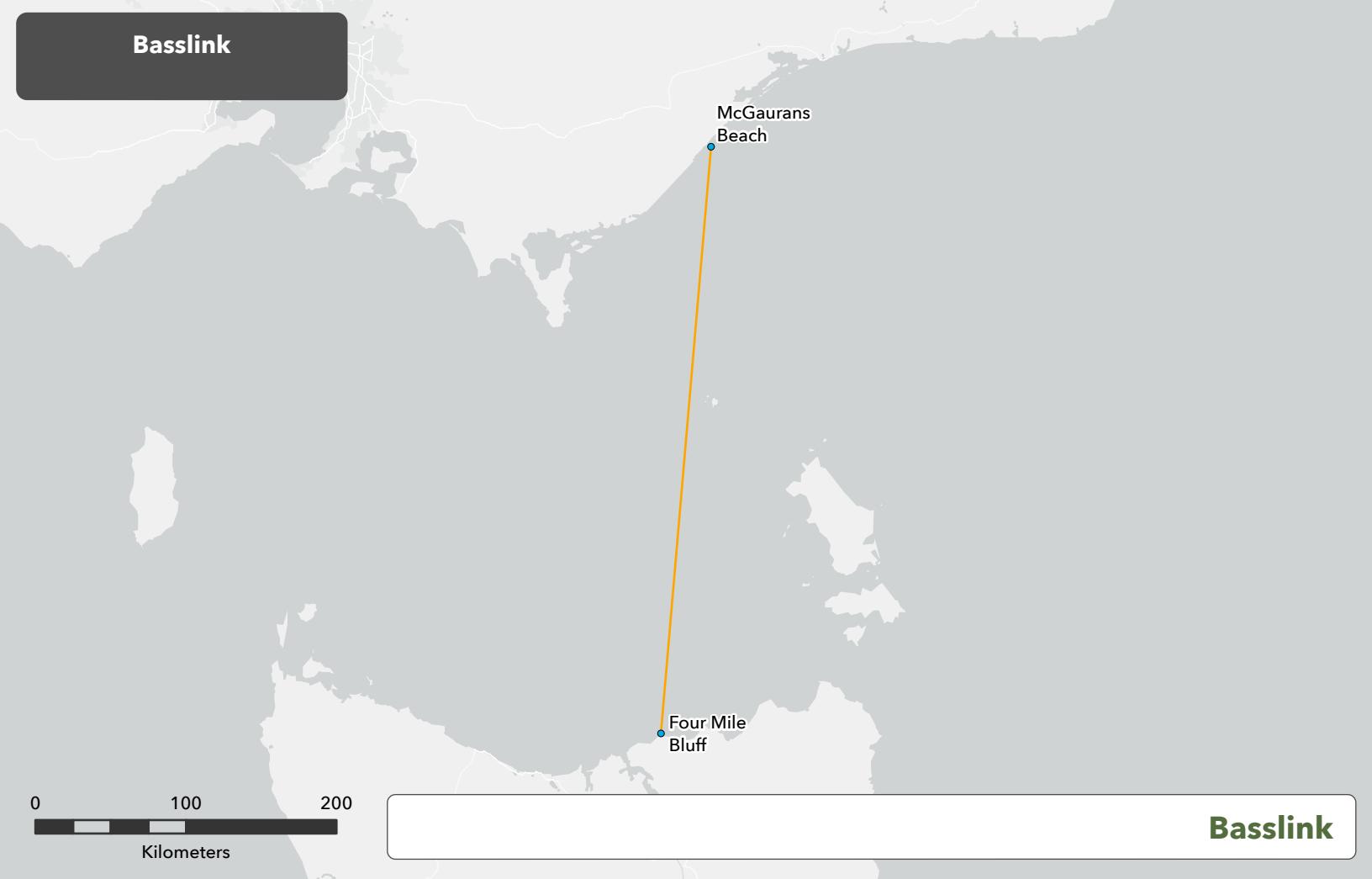
RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$19,050,000
Length (km)	762
Design Capacity (Tbps)	48
Fiber Pairs	6
Wavelengths per Fiber Pair	80
Capacity per Wavelength (Gbps)	100
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Santubong	Kuching, Sarawak	Malaysia
Tanjung Bemban	Riau Islands	Indonesia

System Installer	Not Available
Owner(s)	Irix

Basslink

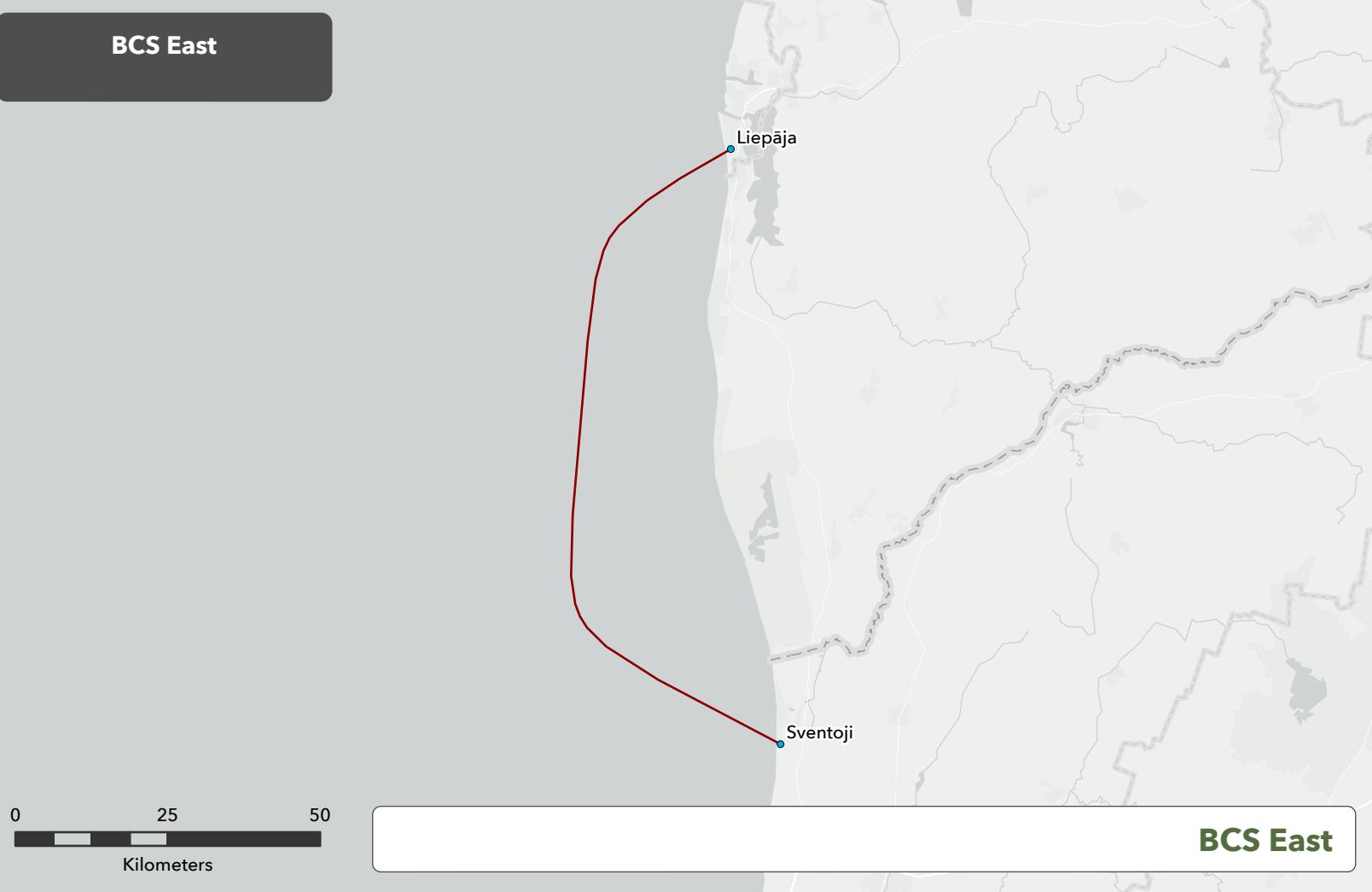


SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$60,000,000
Length (km)	290
Design Capacity (Tbps)	0.64
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Basslink Telecoms

LANDING POINTS

City	State/Province	Country
Four Mile Bluff	Tasmania	Australia
McGaurans Beach	Victoria	Australia



SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$15,000,000
Length (km)	98
Design Capacity (Tbps)	Not Available
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Swedia Networks
Owner(s)	Arelion

LANDING POINTS

City	State/Province	Country
Liepāja	Liepāja	Latvia
Sventoji	Klaipėda	Lithuania

Bharat-Lanka

Tuticorine

Mount Lavinia



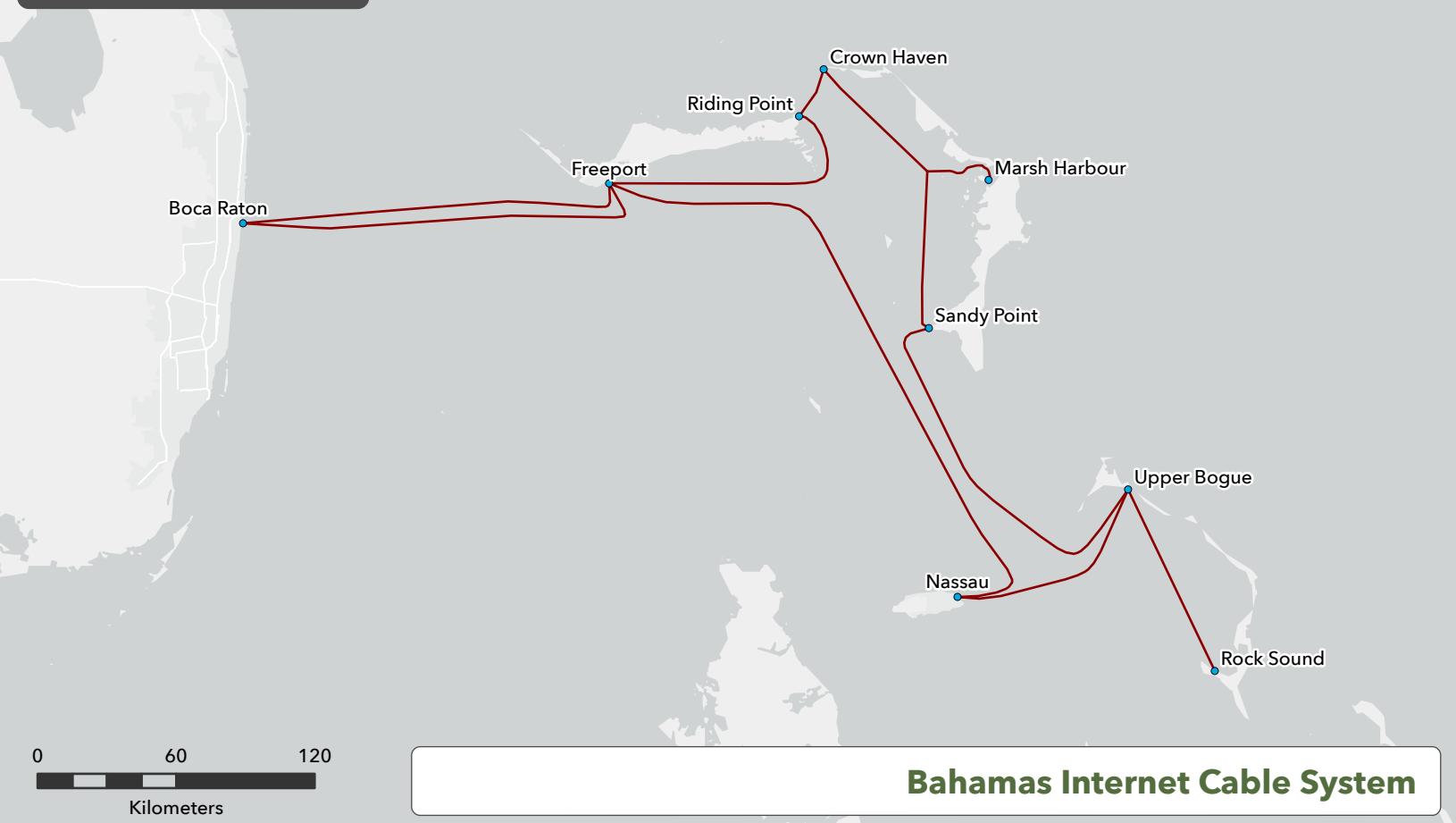
Bharat-Lanka

SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$40,000,000
Length (km)	338
Design Capacity (Tbps)	0.96
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	40
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BSNL, Sri Lanka Telecom Limited

LANDING POINTS

City	State/Province	Country
Mount Lavinia	Western Province	Sri Lanka
Tuticorine	Tamil Nadu	India

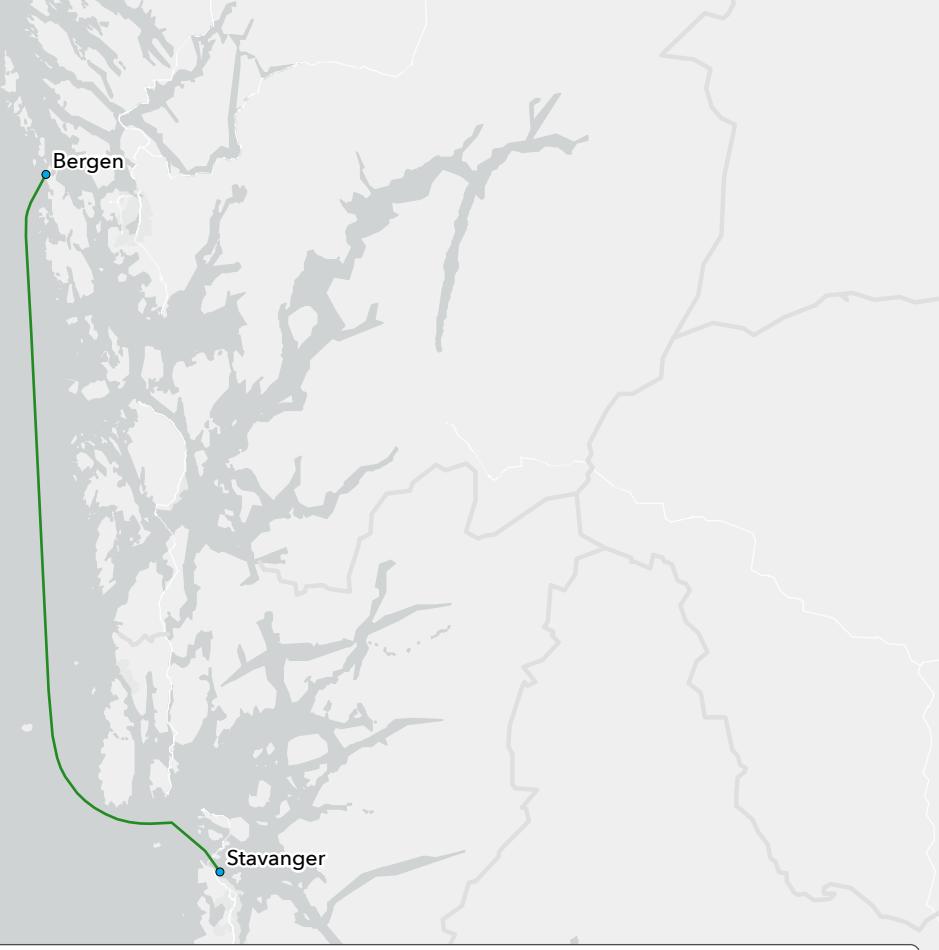


SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$31,000,000
Length (km)	1,000
Design Capacity (Tbps)	12
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	10
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Caribbean Crossing

LANDING POINTS

City	State/Province	Country
Boca Raton	Florida	United States
Crown Haven	North Abaco	Bahamas
Freeport	City of Freeport	Bahamas
Marsh Harbour	Central Abaco	Bahamas
Nassau	New Providence	Bahamas
Riding Point	East Grand Bahama	Bahamas
Rock Sound	South Eleuthera	Bahamas
Sandy Point	South Abaco	Bahamas
Upper Bogue	North Eleuthera	Bahamas



0 80 160
Kilometers

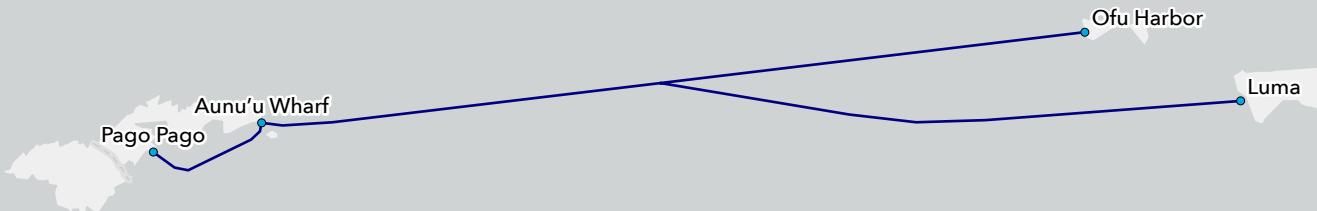
BKK Digitek

SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$4,875,000
Length (km)	195
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BKK Digitek

LANDING POINTS

City	State/Province	Country
Bergen	Western Norway	Norway
Stavanger	Rogaland	Norway



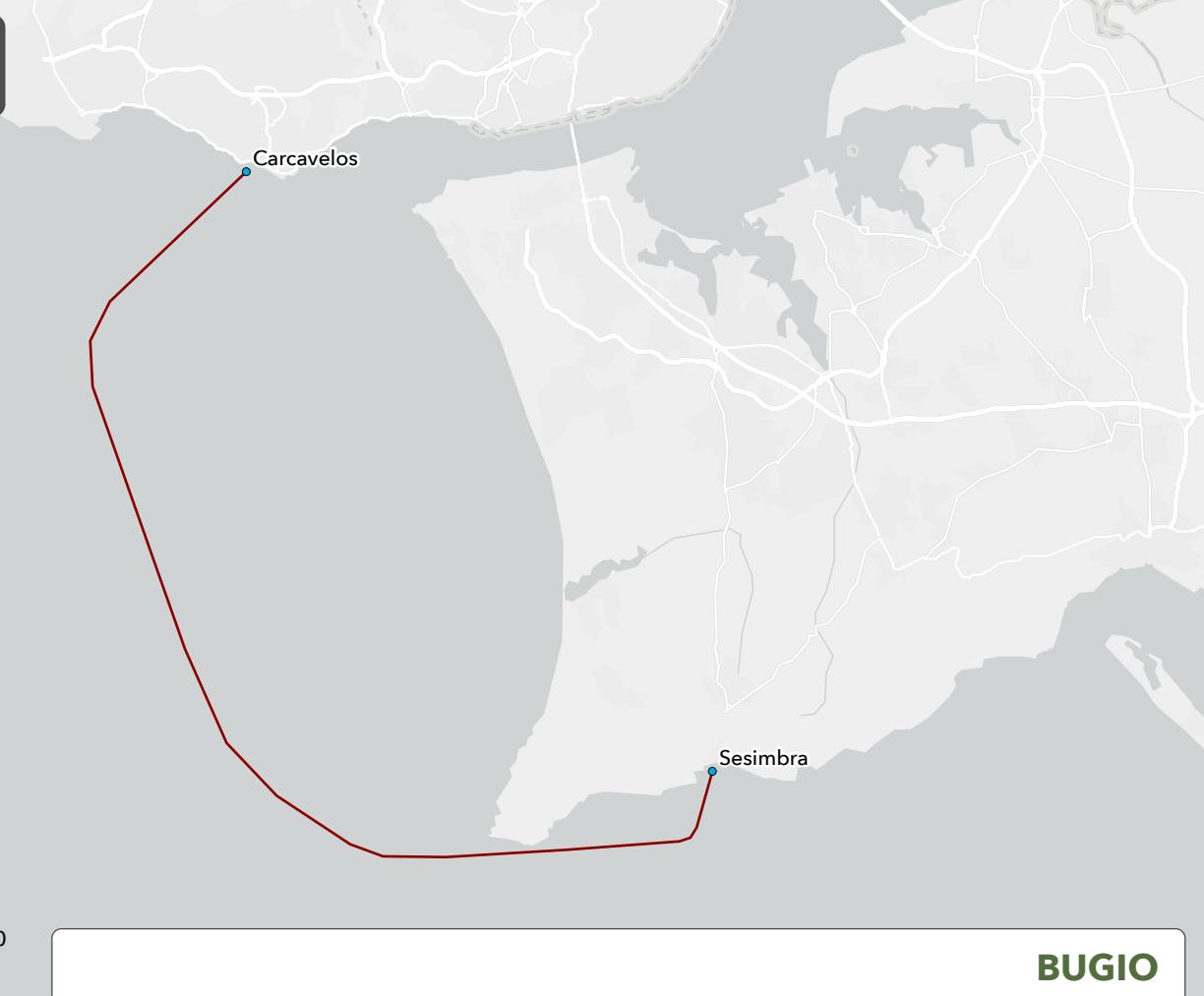
Broadband Linking the American Samoa Territory

SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$11,000,000
Length (km)	250
Design Capacity (Tbps)	Not Available
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	IT International Telecom
Owner(s)	ASTCA

LANDING POINTS

City	State/Province	Country
Aunu'u Wharf	Aunu'u	American Samoa
Luma	Ta'u	American Samoa
Ofu Harbor	Ofu	American Samoa
Pago Pago	Tu'tuila	American Samoa



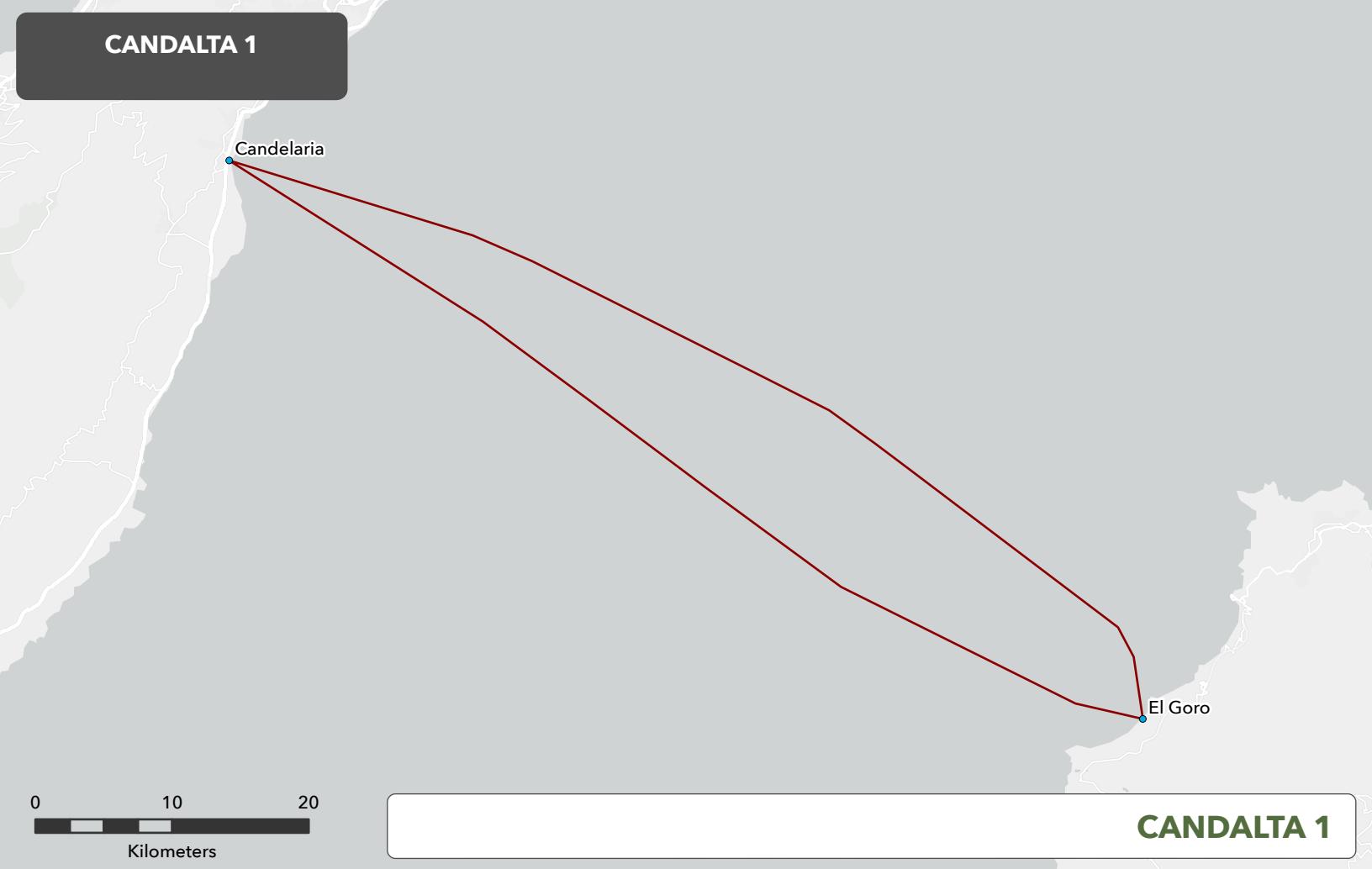
SYSTEM DETAILS

RFS Year	1996
EOS Year	2021
Est. System Cost (USD)	\$1,825,000
Length (km)	72
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Altice Portugal

LANDING POINTS

City	State/Province	Country
Carcavelos	Cascais	Portugal
Sesimbra	Lisbon	Portugal

CANDALTA 1

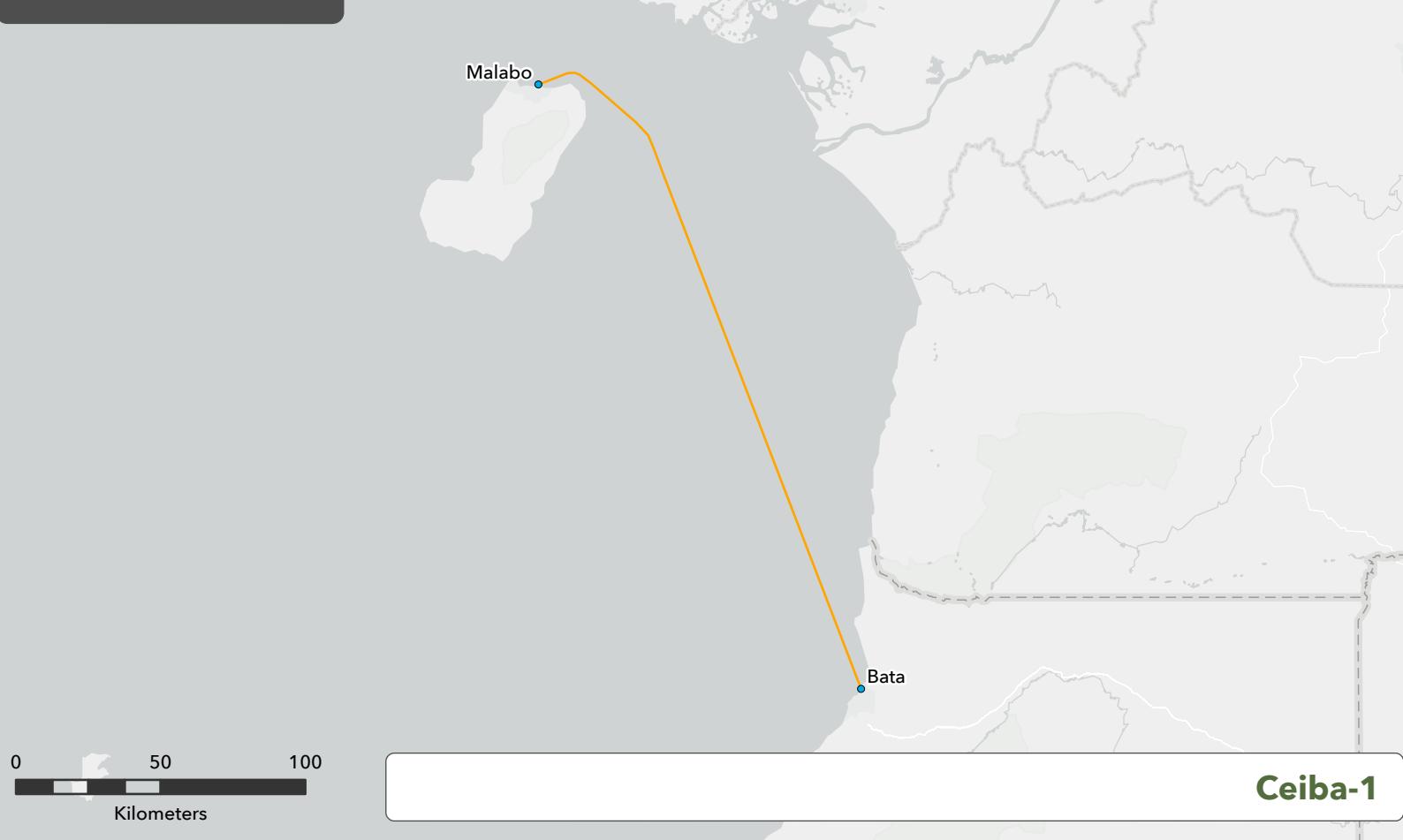


SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$2,750,000
Length (km)	110
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telefonica

LANDING POINTS

City	State/Province	Country
Candelaria	Canary Islands	Spain
El Goro	Canary Islands	Spain



SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$7,175,000
Length (km)	287
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Gestor de Infraestructuras de Guinea Ecuatorial

LANDING POINTS

City	State/Province	Country
Bata	Litoral	Equatorial Guinea
Malabo	Malabo	Equatorial Guinea



0 90 180
Kilometers

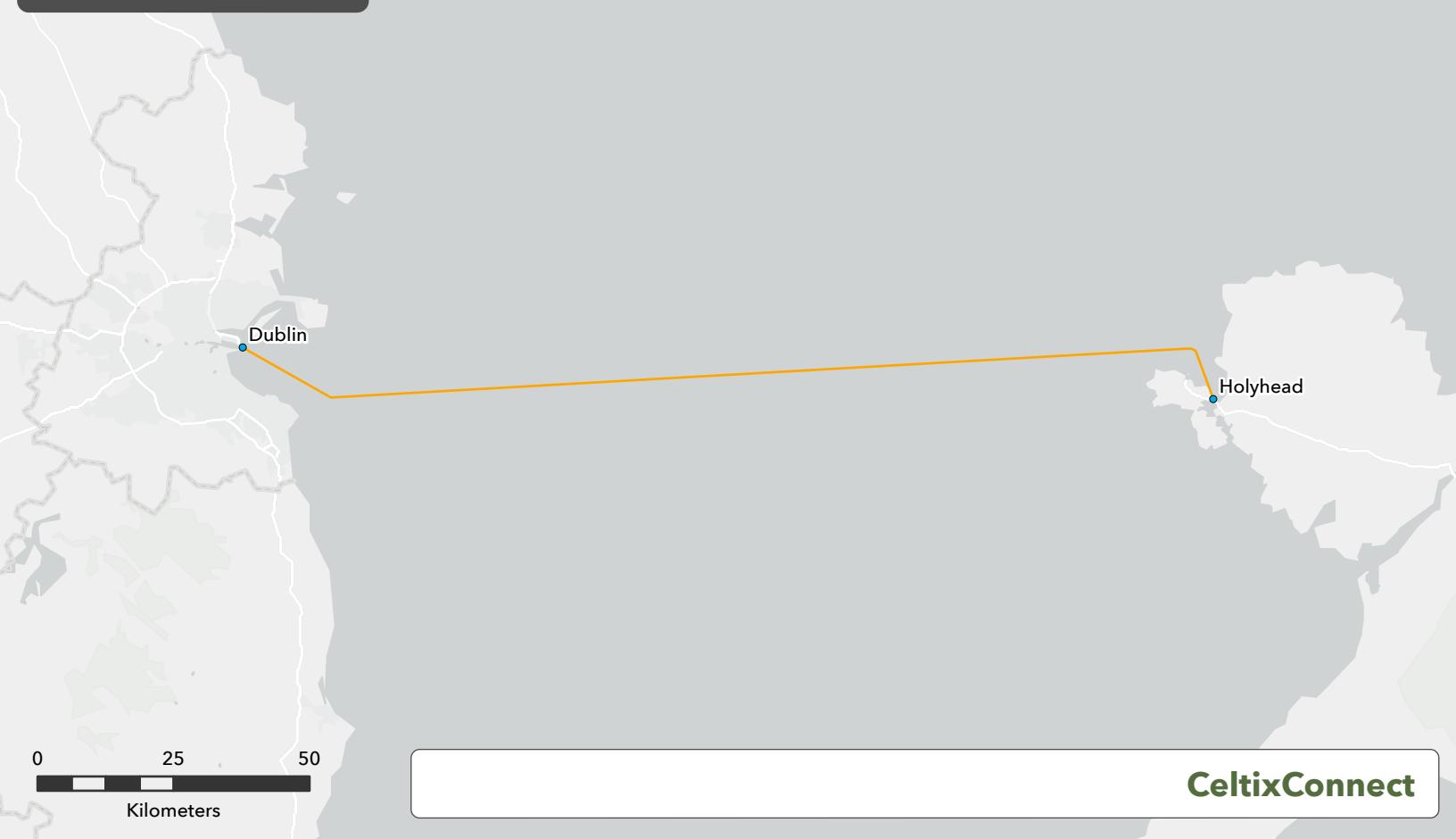
Celtic

SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$6,875,000
Length (km)	275
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BT, eir, Orange

LANDING POINTS

City	State/Province	Country
Kilmore Quay	Ireland	Ireland
Sennen Cove	England	United Kingdom



SYSTEM DETAILS

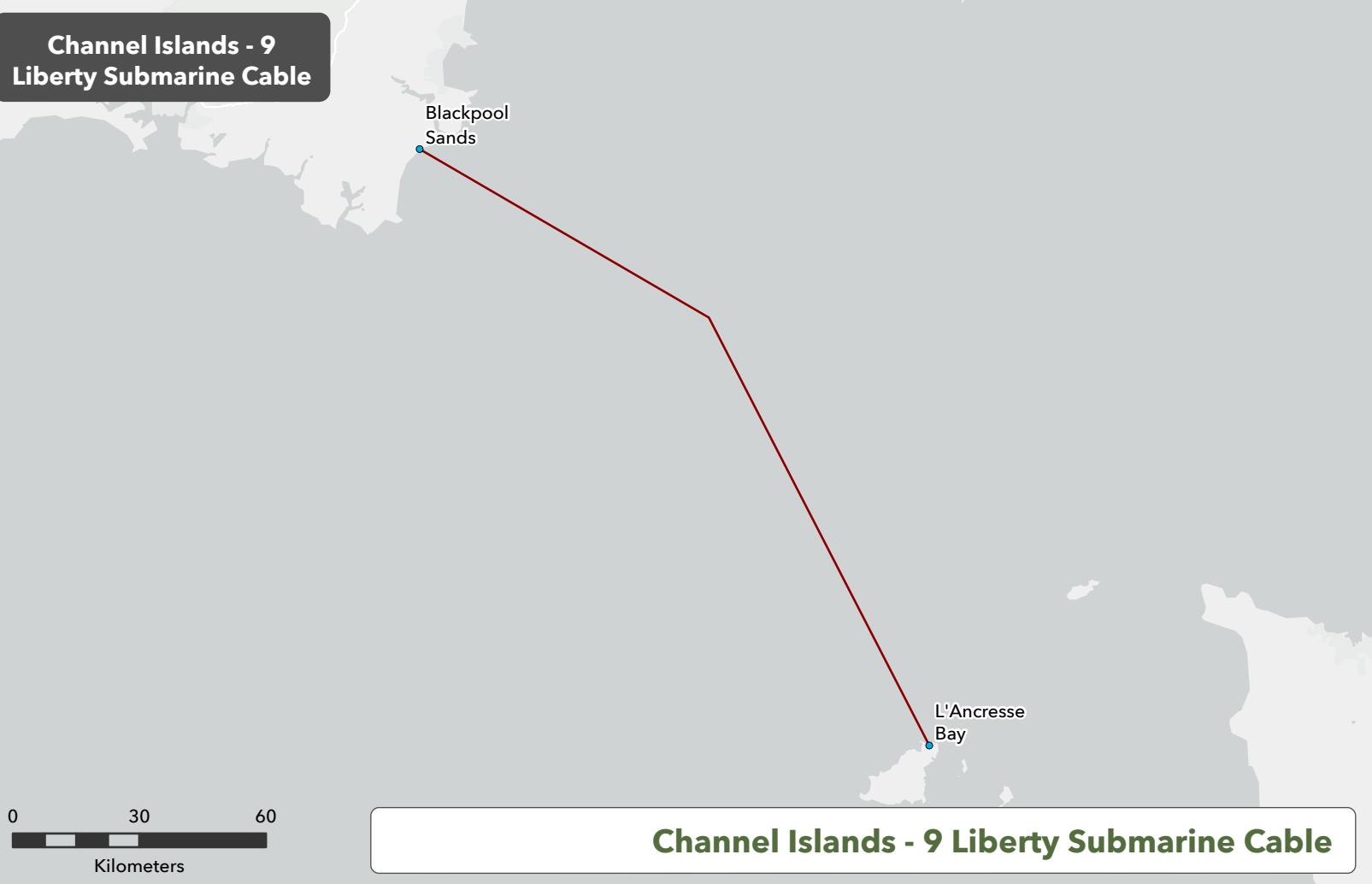
RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$22,000,000
Length (km)	131
Design Capacity (Tbps)	0.96
Fiber Pairs	72
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Dublin	Ireland	Ireland
Holyhead	Wales	United Kingdom

System Installer	ASN, Global Marine Systems Limited
Owner(s)	Aqua Comms Limited

Channel Islands - 9 Liberty Submarine Cable



Channel Islands - 9 Liberty Submarine Cable

SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$9,500,000
Length (km)	124
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	JTGlobal

LANDING POINTS

City	State/Province	Country
Blackpool Sands	England	United Kingdom
L'Ancrese Bay	Vale	Guernsey



SYSTEM DETAILS

RFS Year	1994
EOS Year	2018
Est. System Cost (USD)	\$16,000,000
Length (km)	262
Design Capacity (Tbps)	0.000622
Fiber Pairs	1
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Bezeq International Limited, Cyprus Telecommunications Authority

LANDING POINTS

City	State/Province	Country
Ayia Napa	Famagusta District	Cyprus
Nahariya	Northern	Israel

Concerto-1

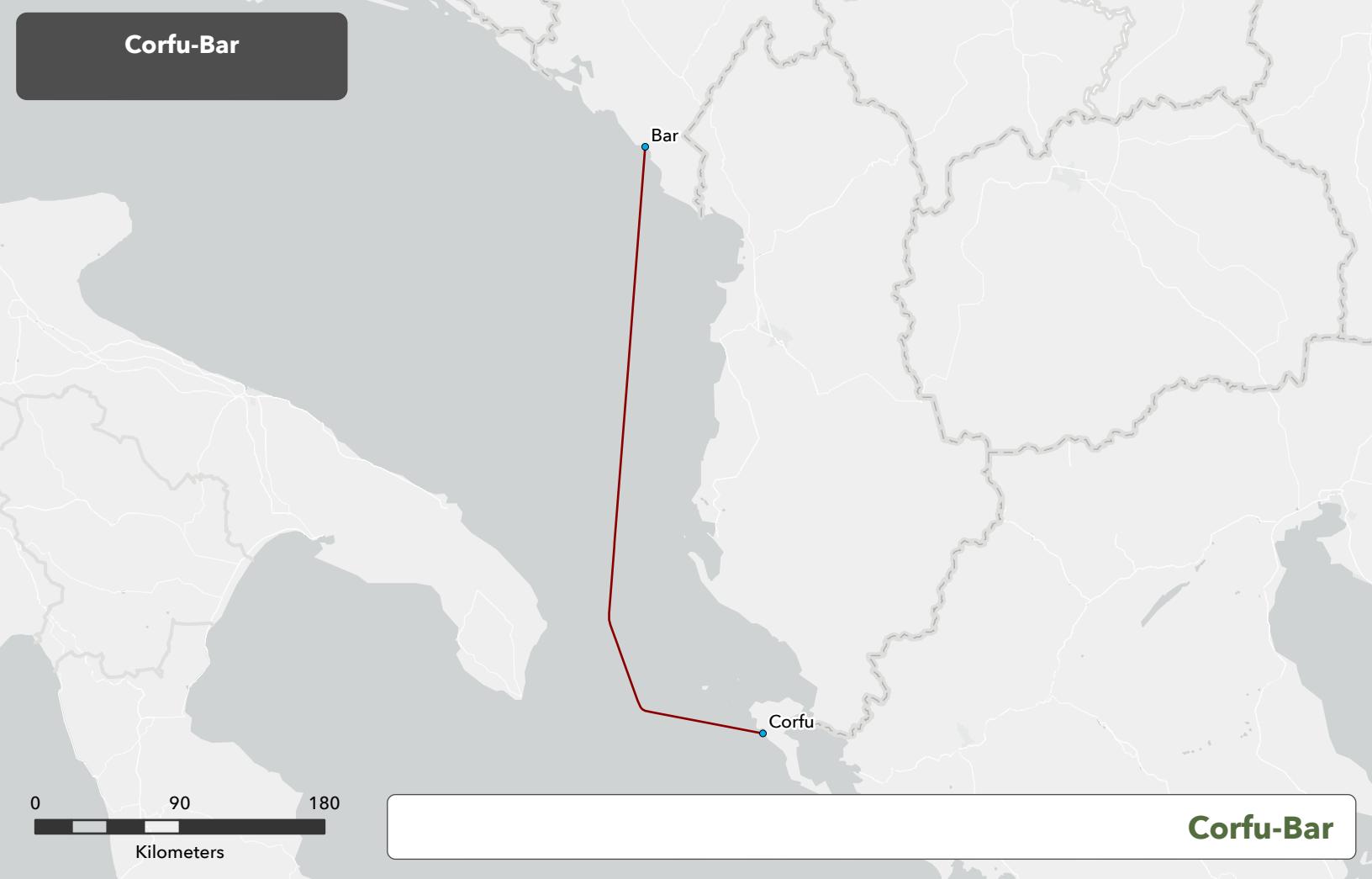


SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$25,000,000
Length (km)	574
Design Capacity (Tbps)	0.0025
Fiber Pairs	96
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASN
Owner(s)	Flute

LANDING POINTS

City	State/Province	Country
Bruges	West Flanders	Belgium
Thorpeness	England	United Kingdom
Zandvoort	North Holland	Netherlands



SYSTEM DETAILS

RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$19,000,000
Length (km)	320
Design Capacity (Tbps)	0.000622
Fiber Pairs	3
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Crngorski Telecom, OTE Globe

LANDING POINTS

City	State/Province	Country
Bar	Bar	Montenegro
Corfu	Ionian Islands	Greece

Cross Straits Cable Network



Cross Straits Cable Network

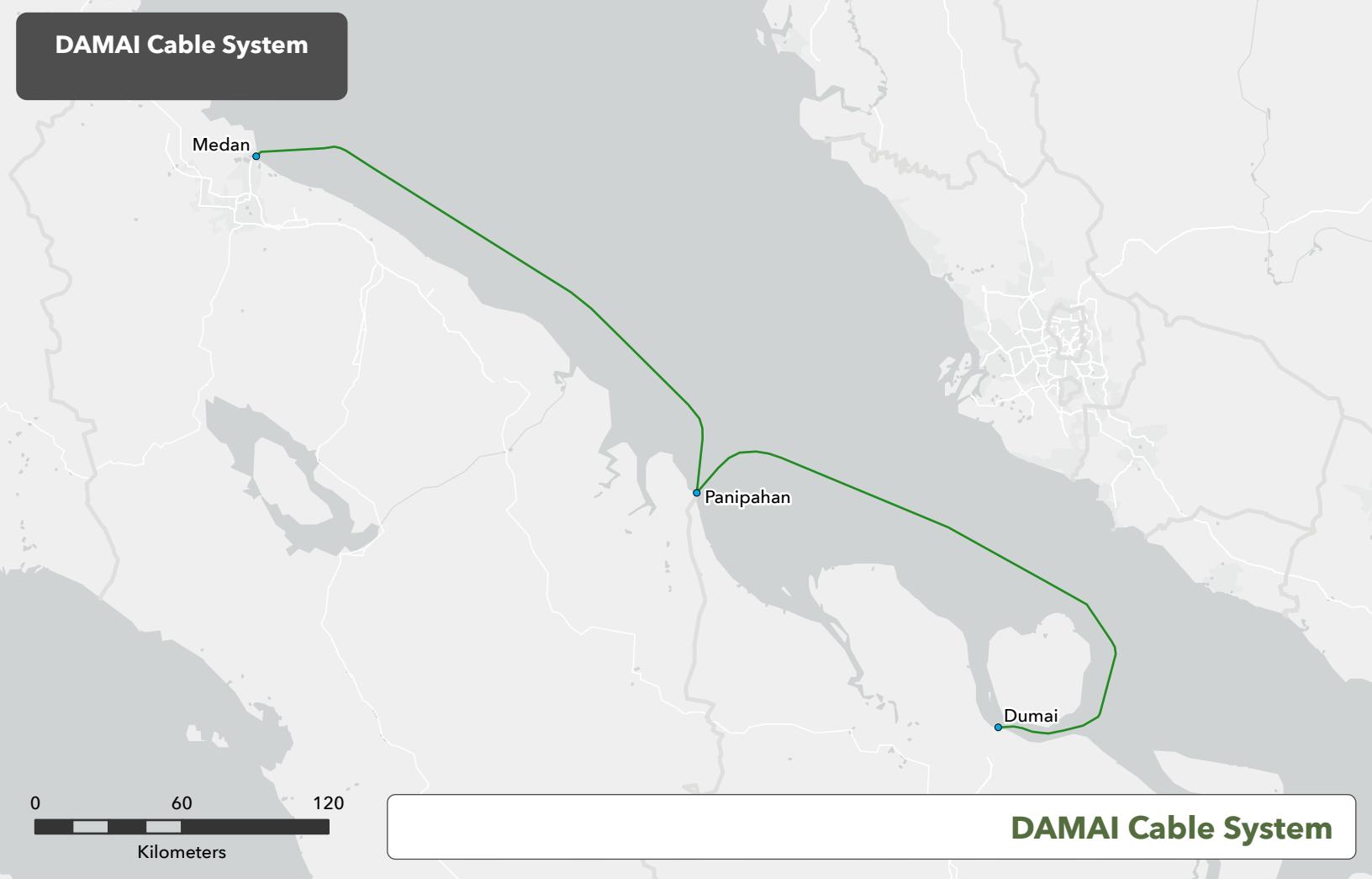
SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$525,000
Length (km)	21
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	China Mobile, China Telecom Corporation, China Unicom

LANDING POINTS

City	State/Province	Country
Dadeng Islands	Fujian Province	China
Guanyin Mountain	Guangdong Province	China
Guningtou	Kinmen County	Taiwan
Lake Ci	Kinmen County	Taiwan

DAMAI Cable System



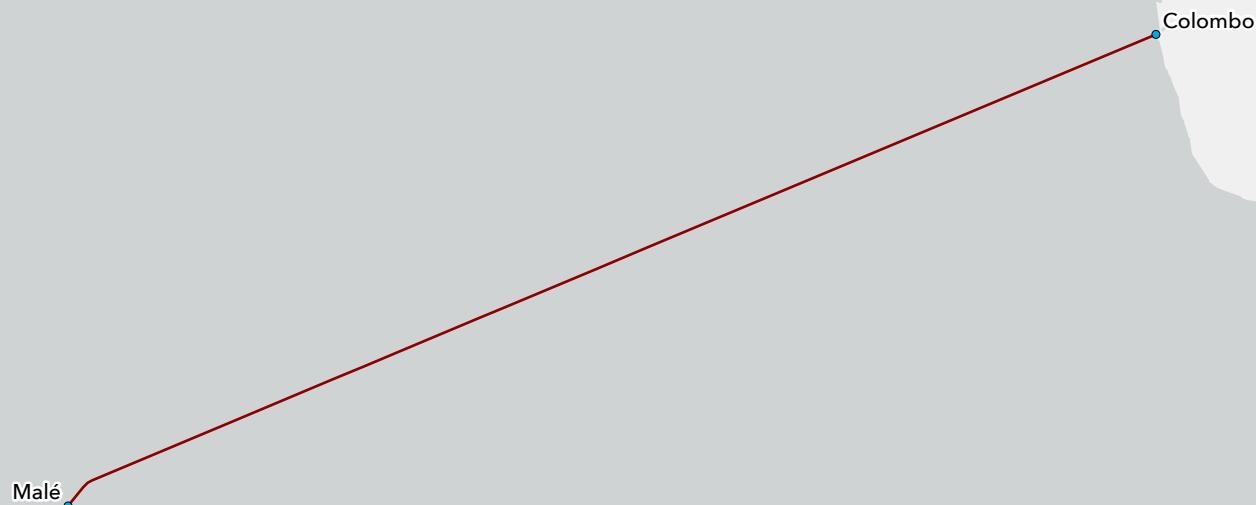
DAMAI Cable System

SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$14,375,000
Length (km)	575
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Triasmitra

LANDING POINTS

City	State/Province	Country
Dumai	Riau	Indonesia
Medan	North Sumatra	Indonesia
Panipahan	Riau	Indonesia



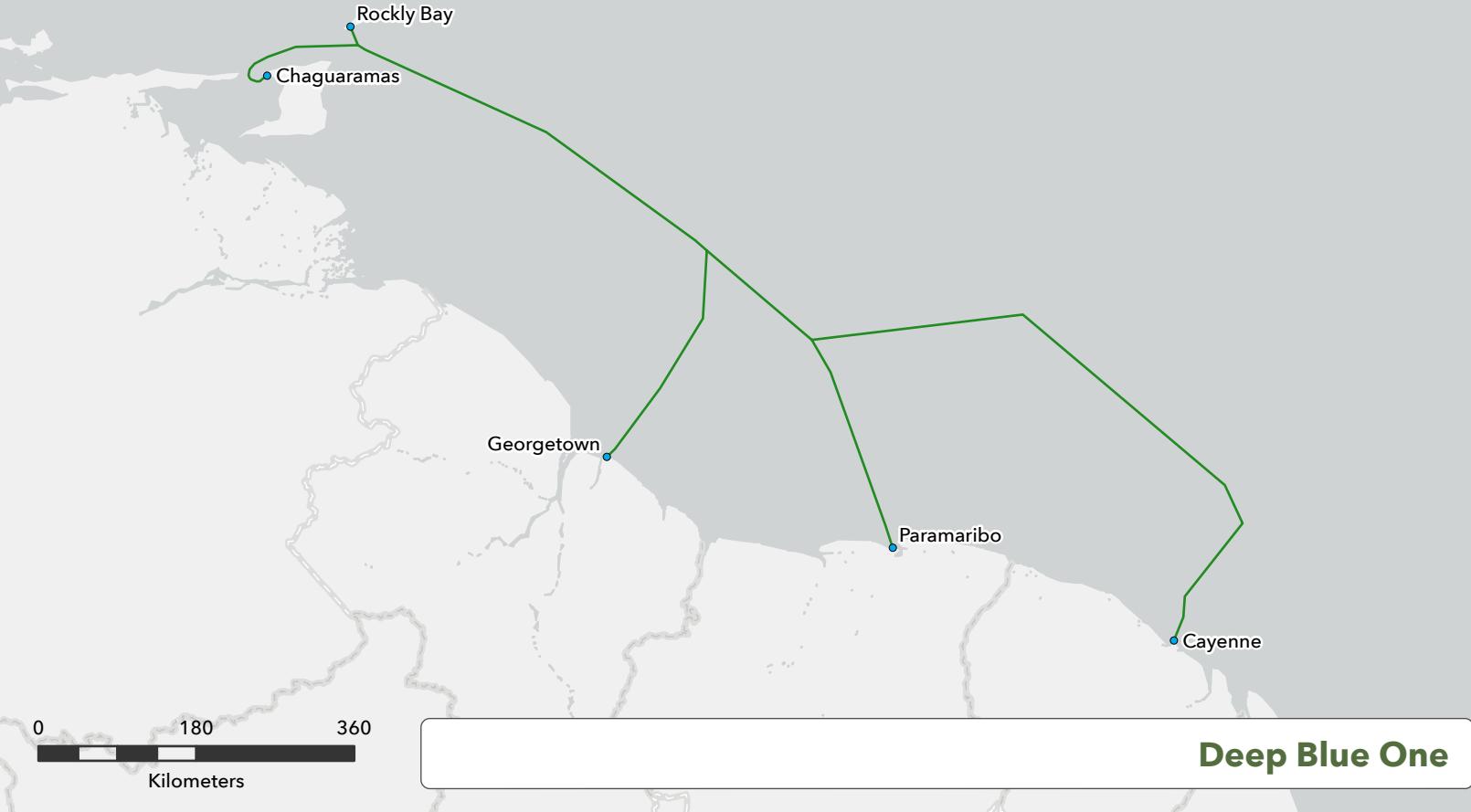
Dhiraagu-SLT Submarine Cable Network

SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$27,000,000
Length (km)	850
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Dhiraagu

LANDING POINTS

City	State/Province	Country
Colombo	Western Province	Sri Lanka
Malé	North Malé Atoll	Maldives



SYSTEM DETAILS

RFS Year	2024
EOS Year	2049
Est. System Cost (USD)	\$50,000,000
Length (km)	2,000
Design Capacity (Tbps)	12
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Orange
Owner(s)	Digicel

LANDING POINTS

City	State/Province	Country
Cayenne	French Guiana	France
Chaguaramas	Diego Martin	Trinidad and Tobago
Georgetown	Demerara-Mahaica	Guyana
Paramaribo	Paramaribo	Suriname
Rockly Bay		Trinidad and Tobago

Denmark-Poland 2



0 30 60
Kilometers

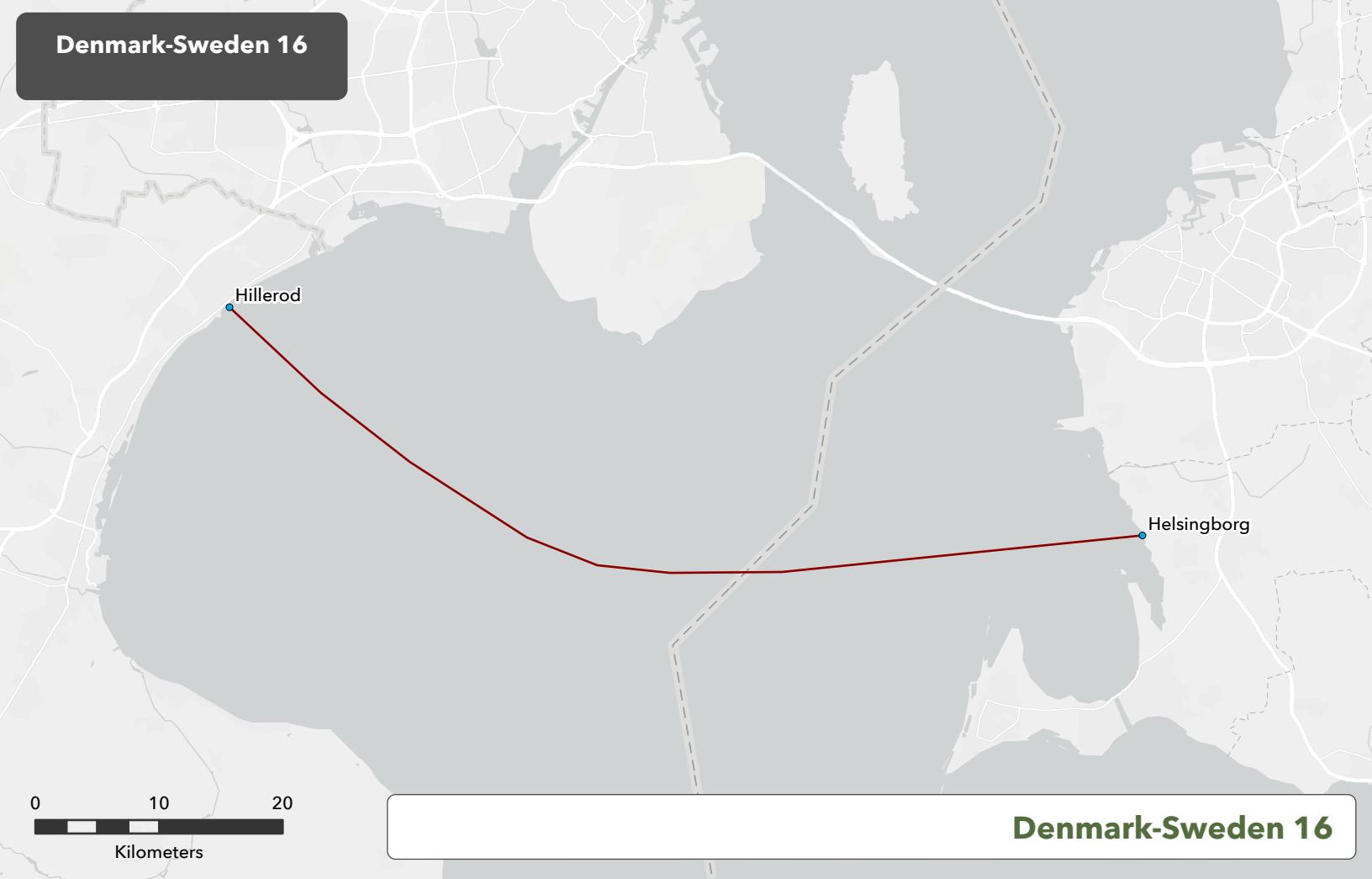
Denmark-Poland 2

SYSTEM DETAILS

RFS Year	1991
EOS Year	2016
Est. System Cost (USD)	\$4,500,000
Length (km)	110
Design Capacity (Tbps)	0.0025
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Polish Telecom, TDC

LANDING POINTS

City	State/Province	Country
Gedebak Odde	Nordjylland	Denmark
Mielno	West Pomeranian	Poland

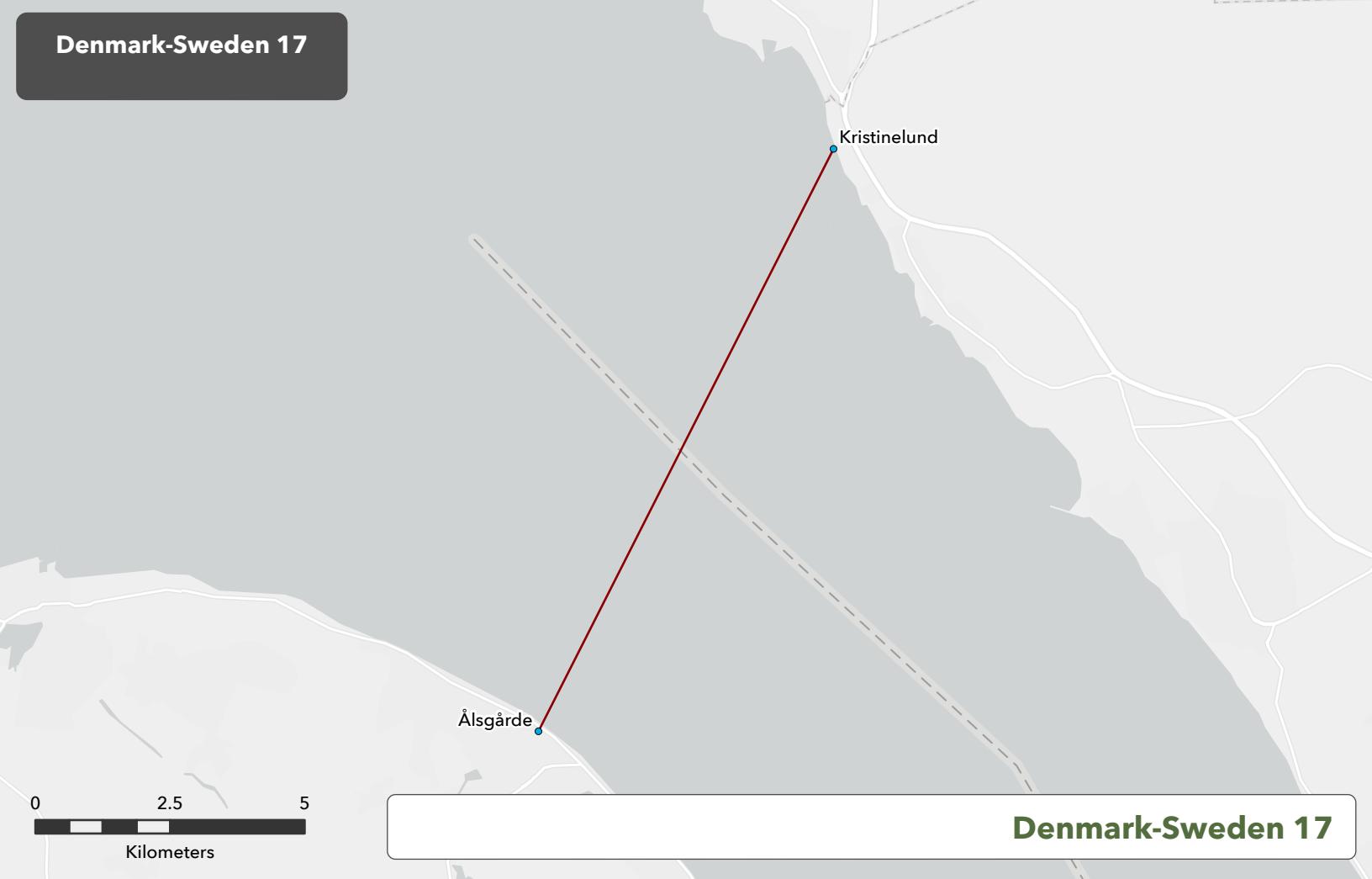


SYSTEM DETAILS

RFS Year	1991
EOS Year	2022
Est. System Cost (USD)	\$2,000,000
Length (km)	6
Design Capacity (Tbps)	0.005
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Arelion, TDC

LANDING POINTS

City	State/Province	Country
Helsingborg	Skåne	Sweden
Hillerød	Syddanmark	Denmark

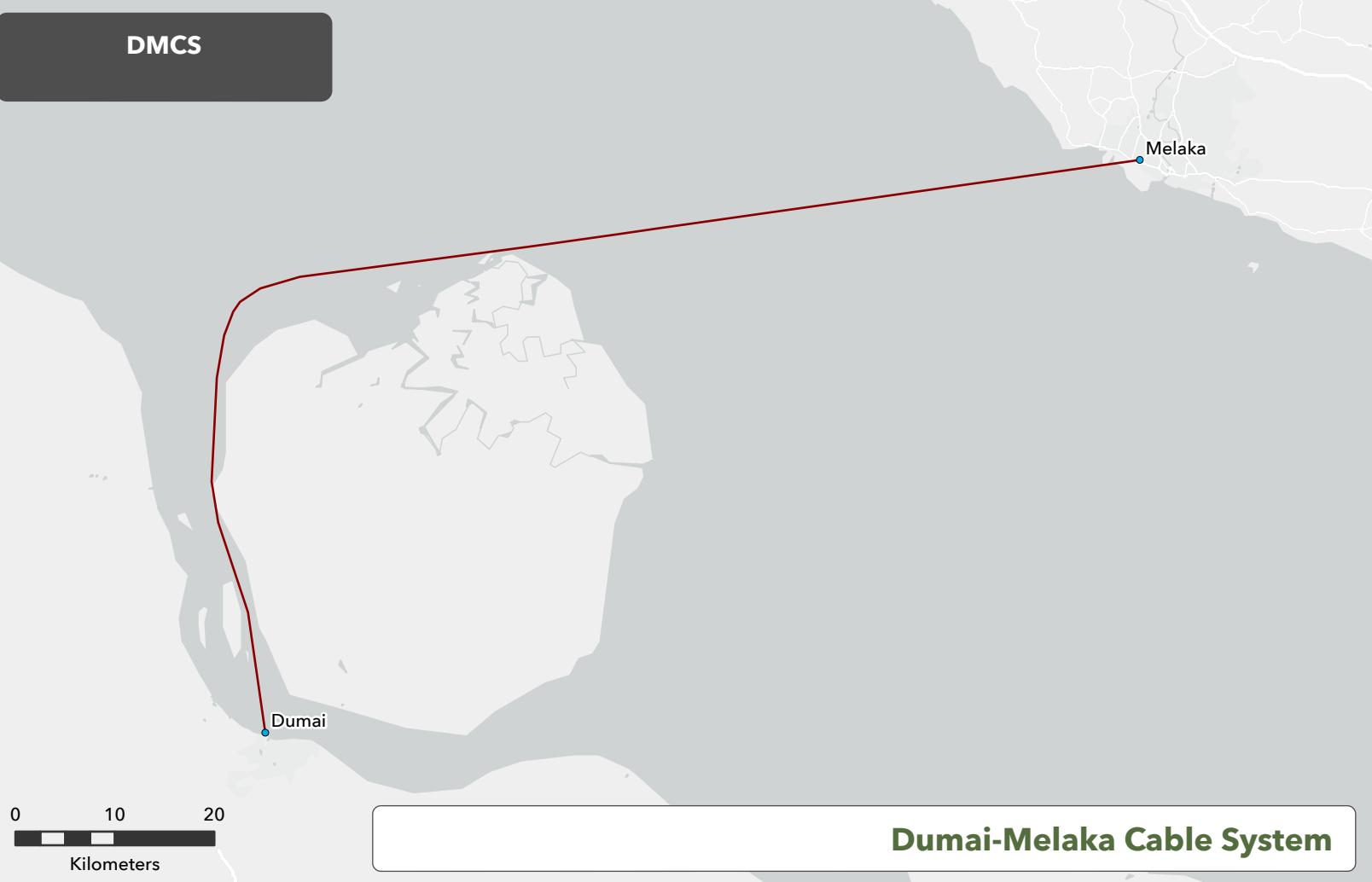


SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$275,000
Length (km)	11
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Tele2

LANDING POINTS

City	State/Province	Country
Ålsgårde	Hovedstaden	Denmark
Kristinelund	Stockholm	Sweden



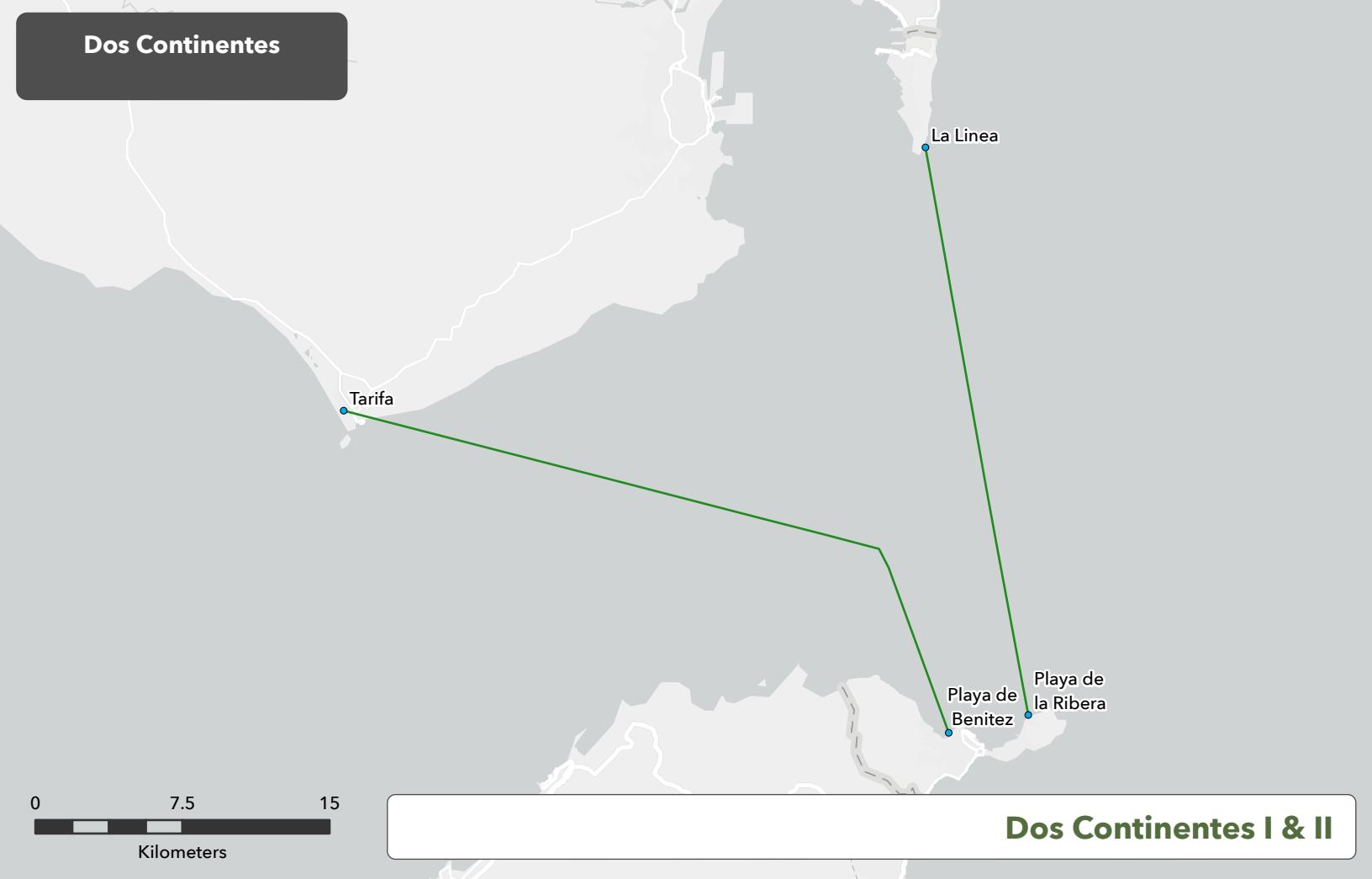
SYSTEM DETAILS

RFS Year	2005
EOS Year	2030
Est. System Cost (USD)	\$15,000,000
Length (km)	150
Design Capacity (Tbps)	0.32
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASEAN Cableschip, Telekom Malaysia Berhad
Owner(s)	PT Telekom, Telekom Malaysia Berhad

LANDING POINTS

City	State/Province	Country
Dumai	Riau	Indonesia
Melaka	Malacca	Malaysia

Dos Continentes



SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$2,625,000
Length (km)	105
Design Capacity (Tbps)	460.8
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Orange
Owner(s)	GTD España

LANDING POINTS

City	State/Province	Country
La Linea	Cádiz	Spain
Playa de Benitez	Ceuta	Spain
Playa de la Ribera	Ceuta	Spain
Tarifa	Cádiz	Spain



SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$85,000,000
Length (km)	32,767
Design Capacity (Tbps)	30
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Orange
Owner(s)	Telstra

LANDING POINTS

City	State/Province	Country
Ajigaura	Ibaraki	Japan
Batangas	Calabarzon	Philippines
Busan	Yeongnam	South Korea
Cavite	Cavite	Philippines
Changi	East Region	Singapore
Chikura	Chiba	Japan
Chung Hom Kok	Hong Kong	China
Fangshan	Pingtung	Taiwan
Nanhui District	Shanghai	China
Pali	Bali	Taiwan
Shima	Mie	Japan
Singapore		Singapore
Taean	Chungcheongnam-do	South Korea
Tanshui	New Taipei City	Taiwan
Tseung Kwan O	Hong Kong	China



SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$35,000,000
Length (km)	1,700
Design Capacity (Tbps)	2.5
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	40
Capacity per Wavelength (Gbps)	10
System Supplier	Not Available

System Installer	Orange
Owner(s)	C&W

LANDING POINTS

City	State/Province	Country
Morant Point	Saint Thomas	Jamaica
Santo Domingo	Santo Domingo	Dominican Republic
Tortola		British Virgin Islands



Emerald Bridge Fibres

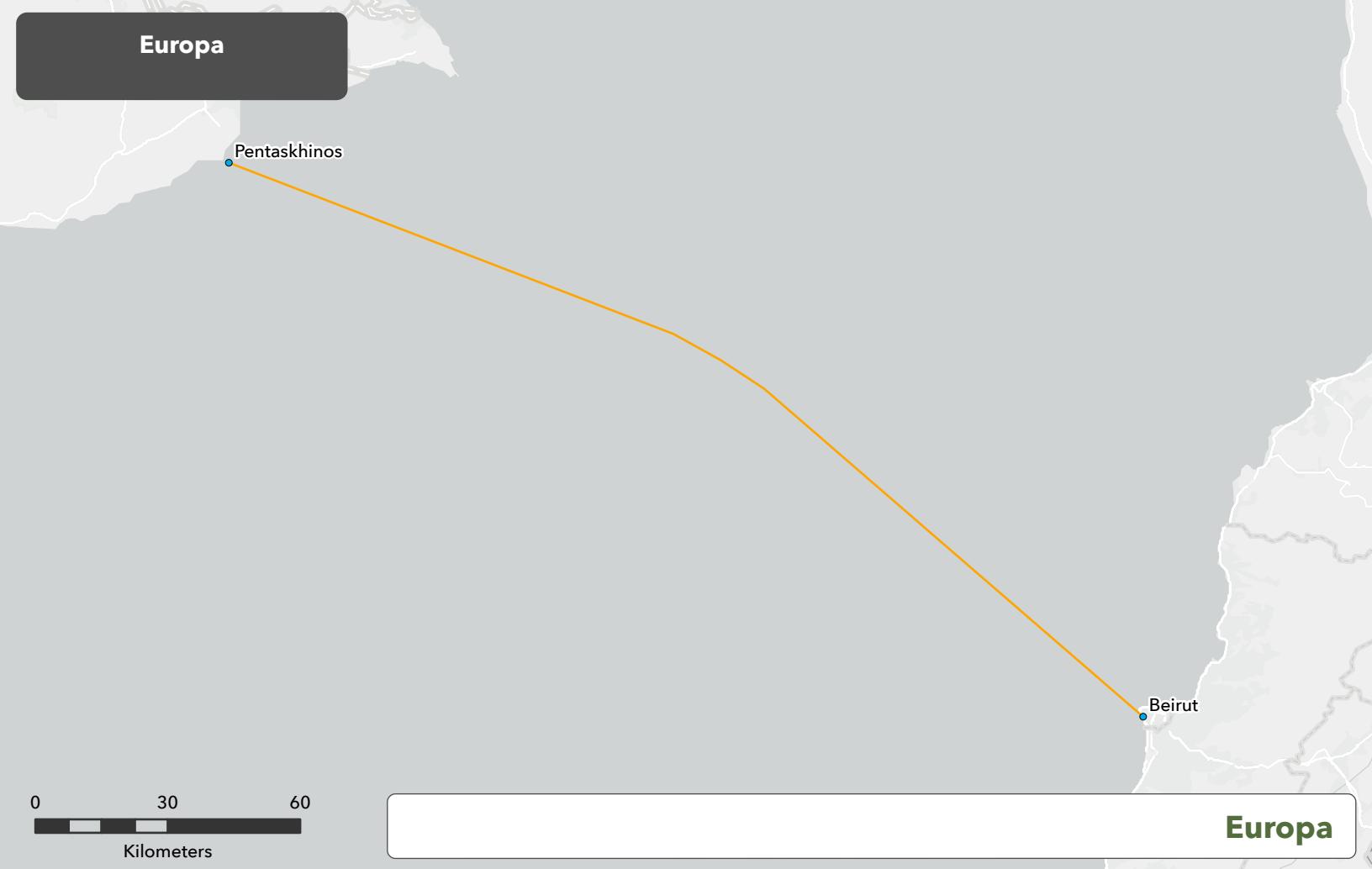
SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$3,000,000
Length (km)	120
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	EBS Telecoms, Zayo Group

LANDING POINTS

City	State/Province	Country
Clonshaugh	Ireland	Ireland
Holyhead	Wales	United Kingdom

Europa



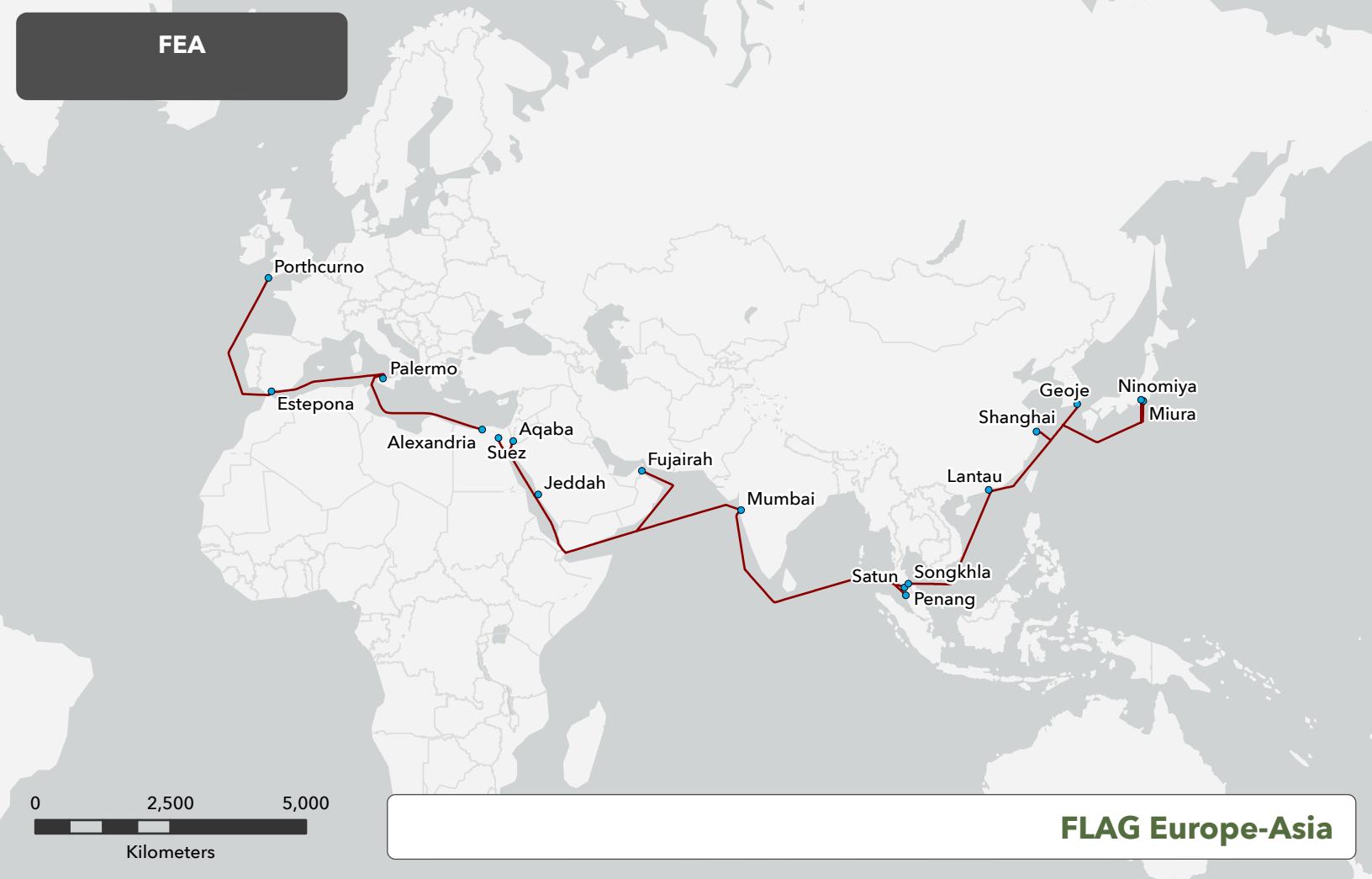
SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$5,750,000
Length (km)	225
Design Capacity (Tbps)	Not Available
Fiber Pairs	8
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Beirut	Beirut	Lebanon
Pentaskhinos	Larnaca	Cyprus

System Installer	Not Available
Owner(s)	Cyprus Telecommunications Authority, Lebanese Ministry of Telecommunications

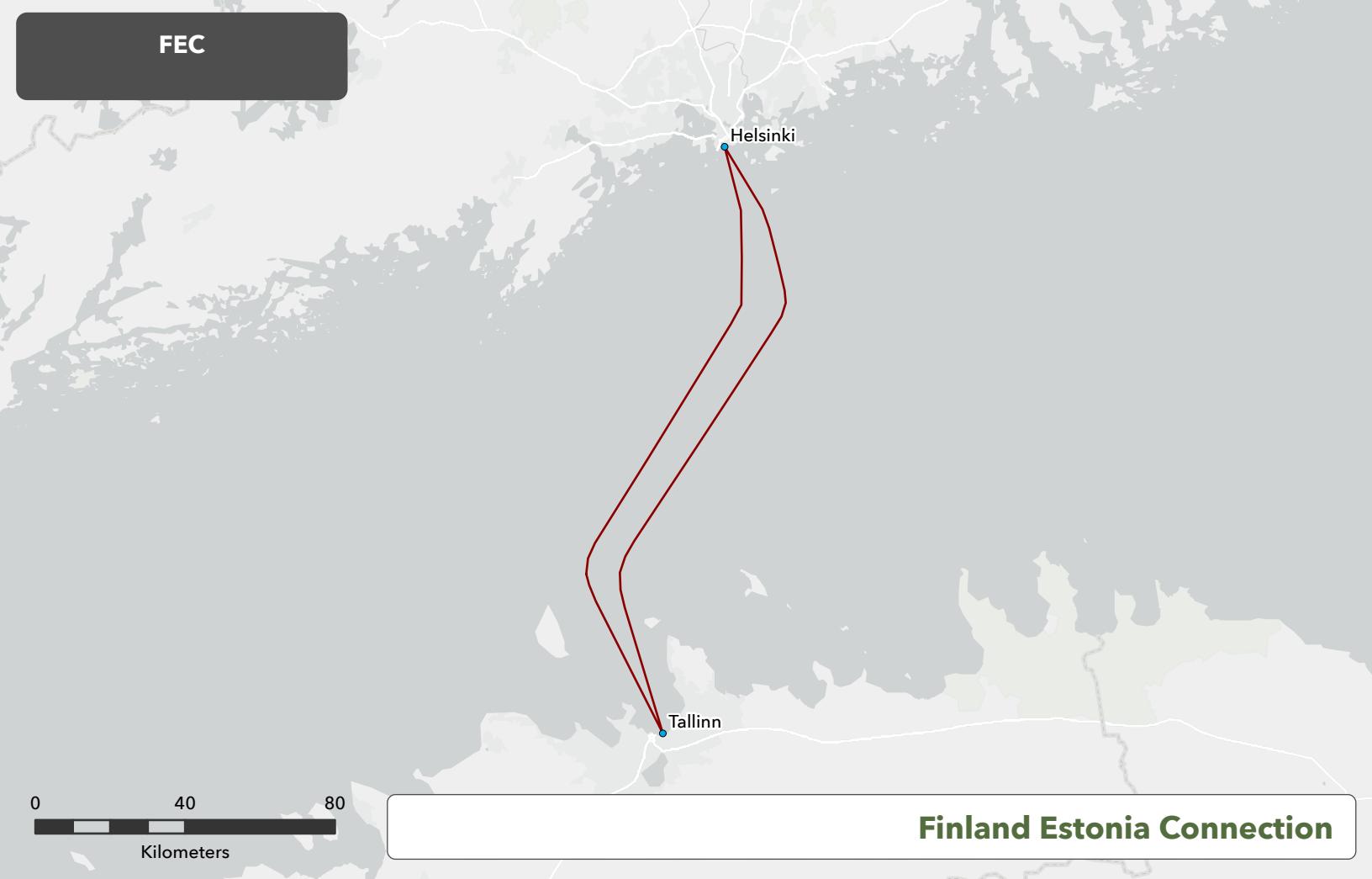


SYSTEM DETAILS

RFS Year	1997
EOS Year	2022
Est. System Cost (USD)	\$72,000,000
Length (km)	28,012
Design Capacity (Tbps)	0.5
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Global Cloud Xchange

LANDING POINTS

City	State/Province	Country
Alexandria	Alexandria Governorate	Egypt
Aqaba	Aqaba	Jordan
Estepona	Málaga	Spain
Fujairah	Fujairah	United Arab Emirates
Geoje	South Gyeongsang	South Korea
Jeddah	Mecca	Saudi Arabia
Lantau	Hong Kong	China
Miura	Kanagawa	Japan
Mumbai	Maharashtra	India
Ninomiya	Kanagawa	Japan
Palermo	Sicily	Italy
Penang	Penang	Malaysia
Porthcurno	England	United Kingdom
Satun	Satun	Thailand
Shanghai	Shanghai	China
Songkhla	Songkhla	Thailand
Suez	Suez Governorate	Egypt

**SYSTEM DETAILS**

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$6,250,000
Length (km)	250
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Elisa Corporation

LANDING POINTS

City	State/Province	Country
Helsinki	Uusimaa	Finland
Tallinn	Harju	Estonia

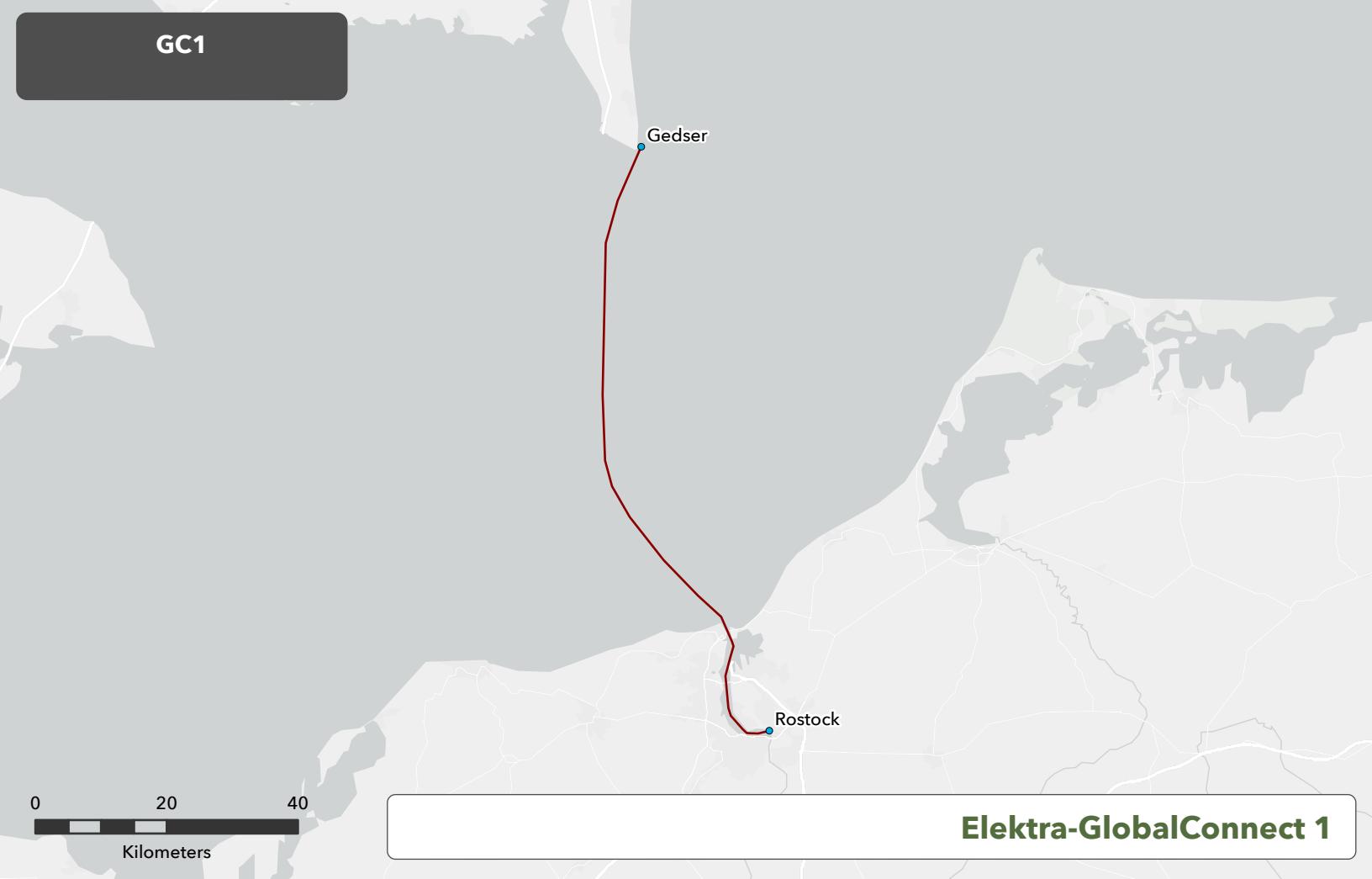


SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$8,750,000
Length (km)	350
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GTD Teleductos S.A.

LANDING POINTS

City	State/Province	Country
Puerto Chacabuco	Aysén	Chile
Quellon	Chiloé Province	Chile



SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$1,100,000
Length (km)	44
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GlobalConnect

LANDING POINTS

City	State/Province	Country
Gedser	Sjælland	Denmark
Rostock	Mecklenburg-Vorpommern	Germany

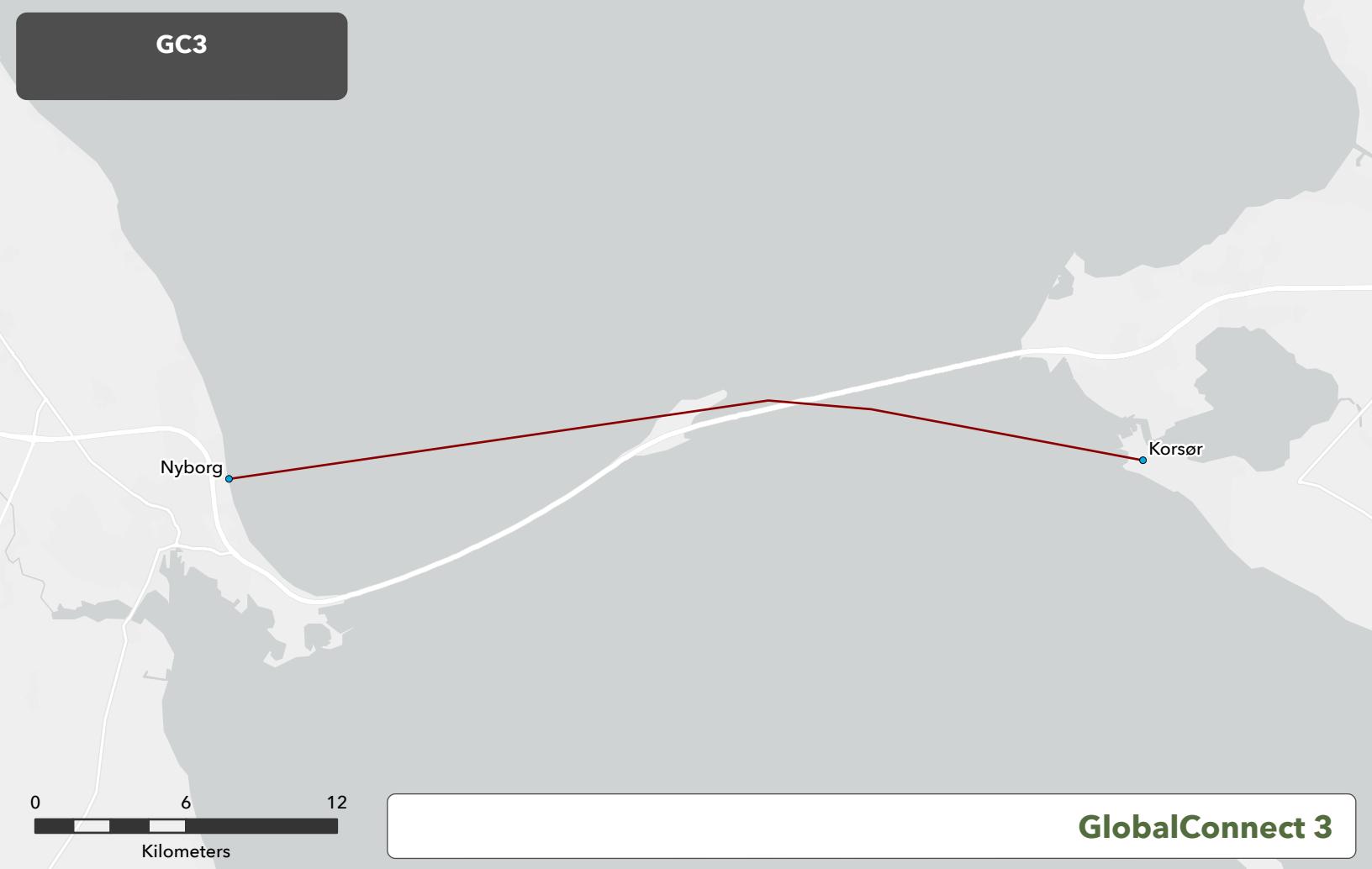


SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$2,375,000
Length (km)	95
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GlobalConnect

LANDING POINTS

City	State/Province	Country
Kungsbacka	Halland	Sweden
Sæby	Nordjylland	Denmark



SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$475,000
Length (km)	19
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GlobalConnect

LANDING POINTS

City	State/Province	Country
Korsør	Sjælland	Denmark
Nyborg	Syddanmark	Denmark



Guadeloupe Cable de Iles du Sud

SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$11,300,000
Length (km)	118
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Orange
Owner(s)	Regional Council of Guadeloupe

LANDING POINTS

City	State/Province	Country
Beausejour	Guadeloupe	France
Capsterre-Belle-Eau	Guadeloupe	France
Saint-François	Guadeloupe	France
Saint-Louis	Guadeloupe	France
Terre-de-Haut	Guadeloupe	France



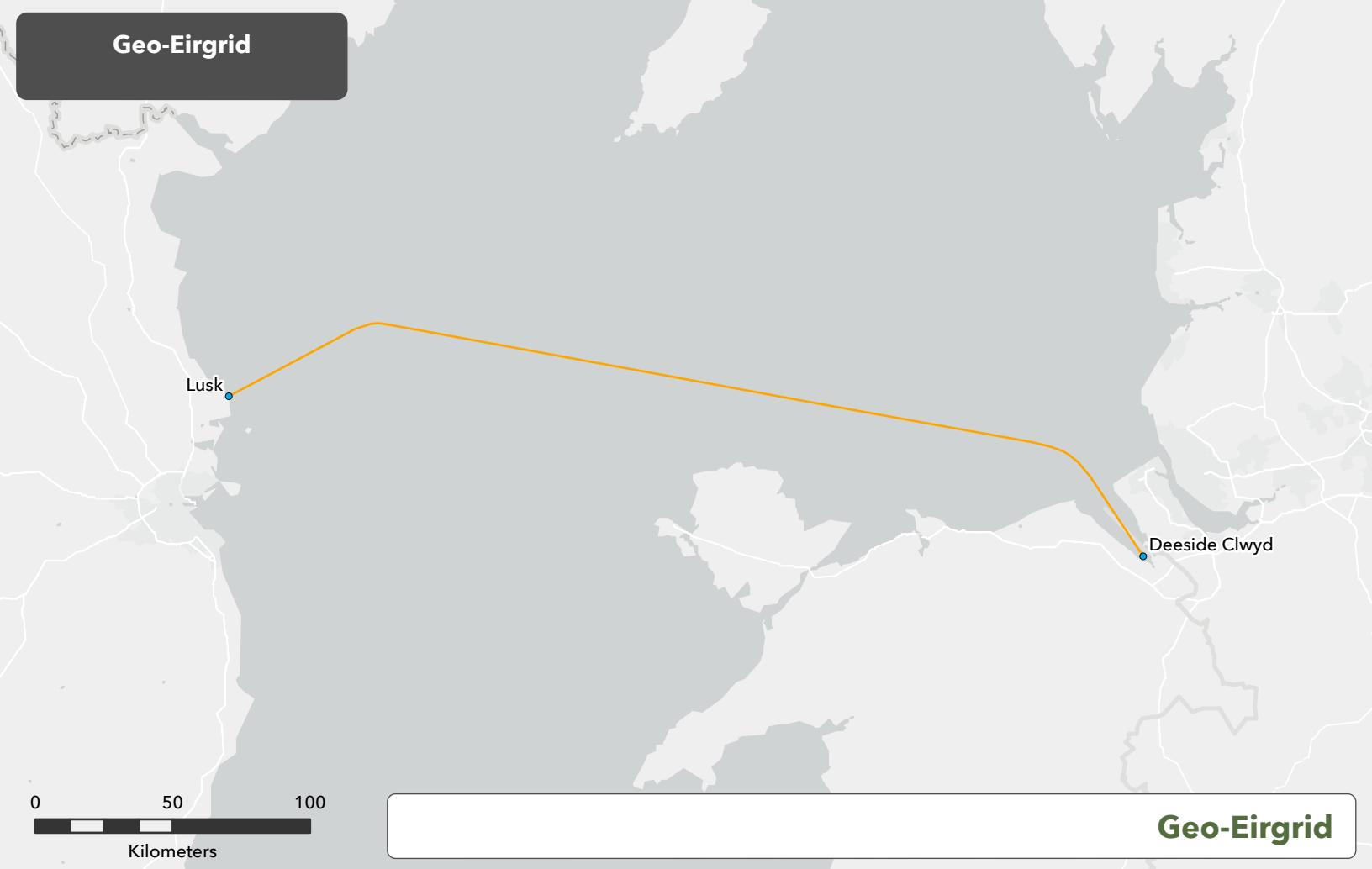
Gemini Bermuda

SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$40,000,000
Length (km)	1,500
Design Capacity (Tbps)	2.5
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Orange
Owner(s)	C&W, Verizon

LANDING POINTS

City	State/Province	Country
Manasquan	New Jersey	United States
Paget		Bermuda

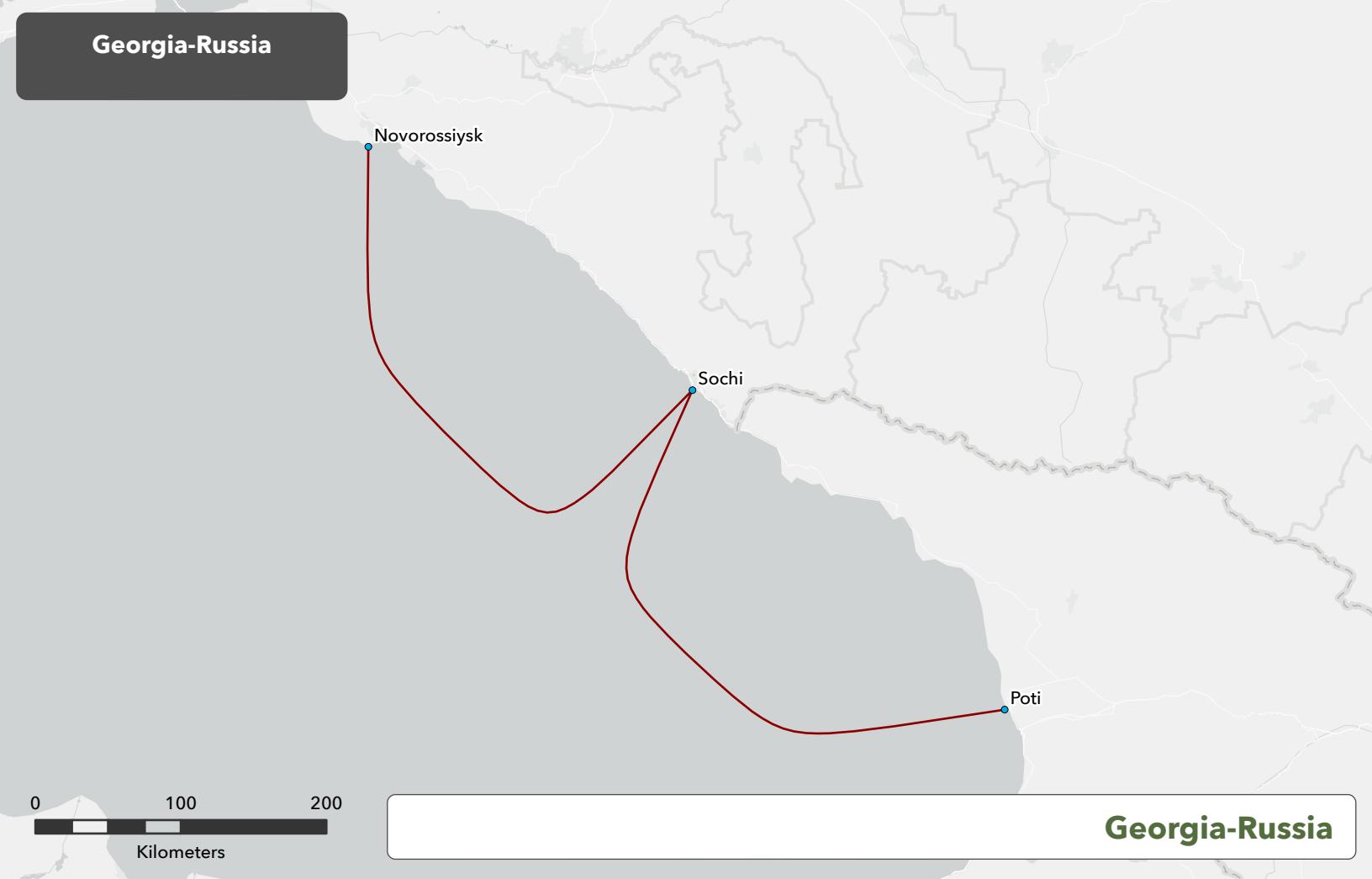


SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$4,675,000
Length (km)	187
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Eirgrid

LANDING POINTS

City	State/Province	Country
Deeside Clwyd	Scotland	United Kingdom
Lusk	Ireland	Ireland

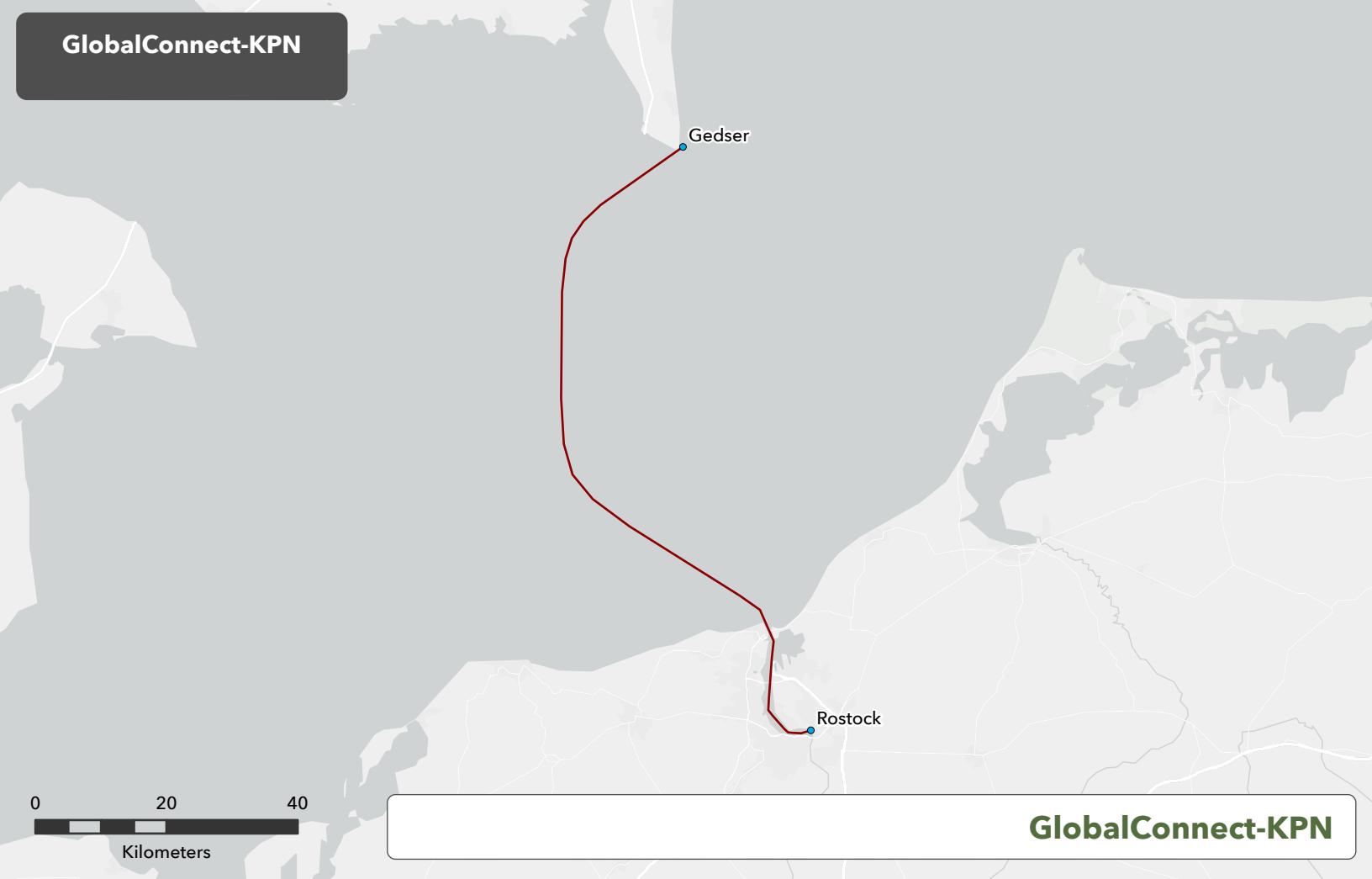


SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$20,000,000
Length (km)	280
Design Capacity (Tbps)	0.0025
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	DanTelco, FOPTNET, Rostelecom

LANDING POINTS

City	State/Province	Country
Novorossiysk	Krasnodar Krai	Russia
Poti	Samegrelo-Zemo Svaneti	Georgia
Sochi	Krasnodar Krai	Russia

**SYSTEM DETAILS**

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$1,075,000
Length (km)	43
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GlobalConnect

LANDING POINTS

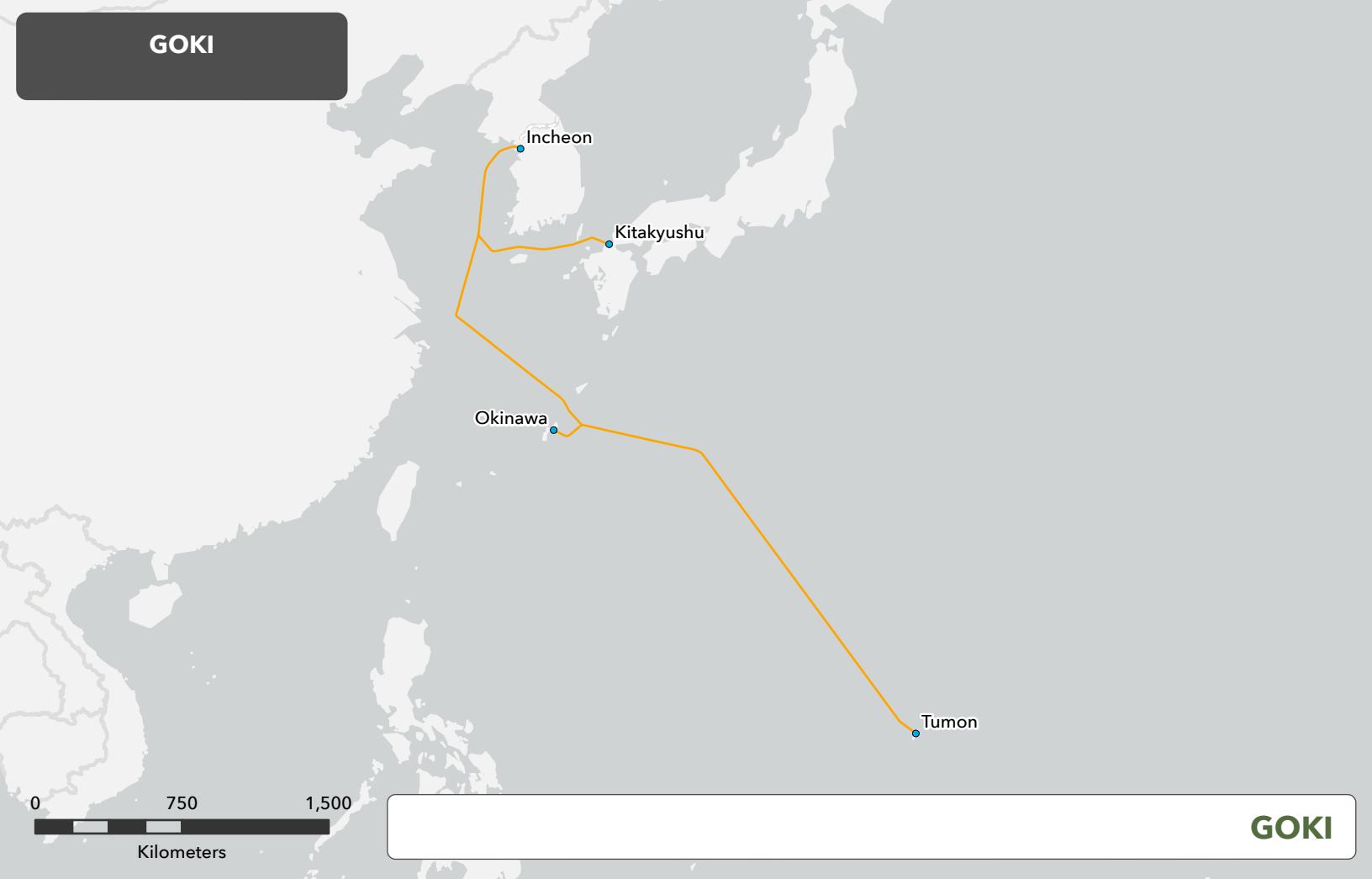
City	State/Province	Country
Gedser	Sjælland	Denmark
Rostock	Mecklenburg-Vorpommern	Germany

GO-1**SYSTEM DETAILS**

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$10,000,000
Length (km)	290
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	12
Capacity per Wavelength (Gbps)	40
System Supplier	Not Available
System Installer	Elettra
Owner(s)	GO PLC

LANDING POINTS

City	State/Province	Country
Mazara del Vallo	Sicily	Italy
Saint Paul's Bay	Saint Paul's Bay	Malta



SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$12,000,000
Length (km)	4,200
Design Capacity (Tbps)	0.08
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Kokusai Cable Ship
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Incheon	Seoul Capital	South Korea
Kitakyushu	Fukuoka	Japan
Okinawa	Okinawa	Japan
Tumon		Guam

Guernsey-Jersey 4



SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$10,000,000
Length (km)	37
Design Capacity (Tbps)	0.000155
Fiber Pairs	12
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	C&W, JTGlobal

LANDING POINTS

City	State/Province	Country
Greve De Lecq	St. Ouen	Jersey
Saints Bay	St. Martins	Guernsey



SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$20,000,000
Length (km)	647
Design Capacity (Tbps)	Not Available
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	OTE Globe

LANDING POINTS

City	State/Province	Country
Bari	Apulia	Italy
Corfu	Ionian Islands	Greece

**SYSTEM DETAILS**

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$13,000,000
Length (km)	165
Design Capacity (Tbps)	1440
Fiber Pairs	48
Wavelengths per Fiber Pair	75
Capacity per Wavelength (Gbps)	400
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Hanstholm	Thisted	Denmark
Lista	Agder	Norway

System Installer	Not Available
Owner(s)	Not Available

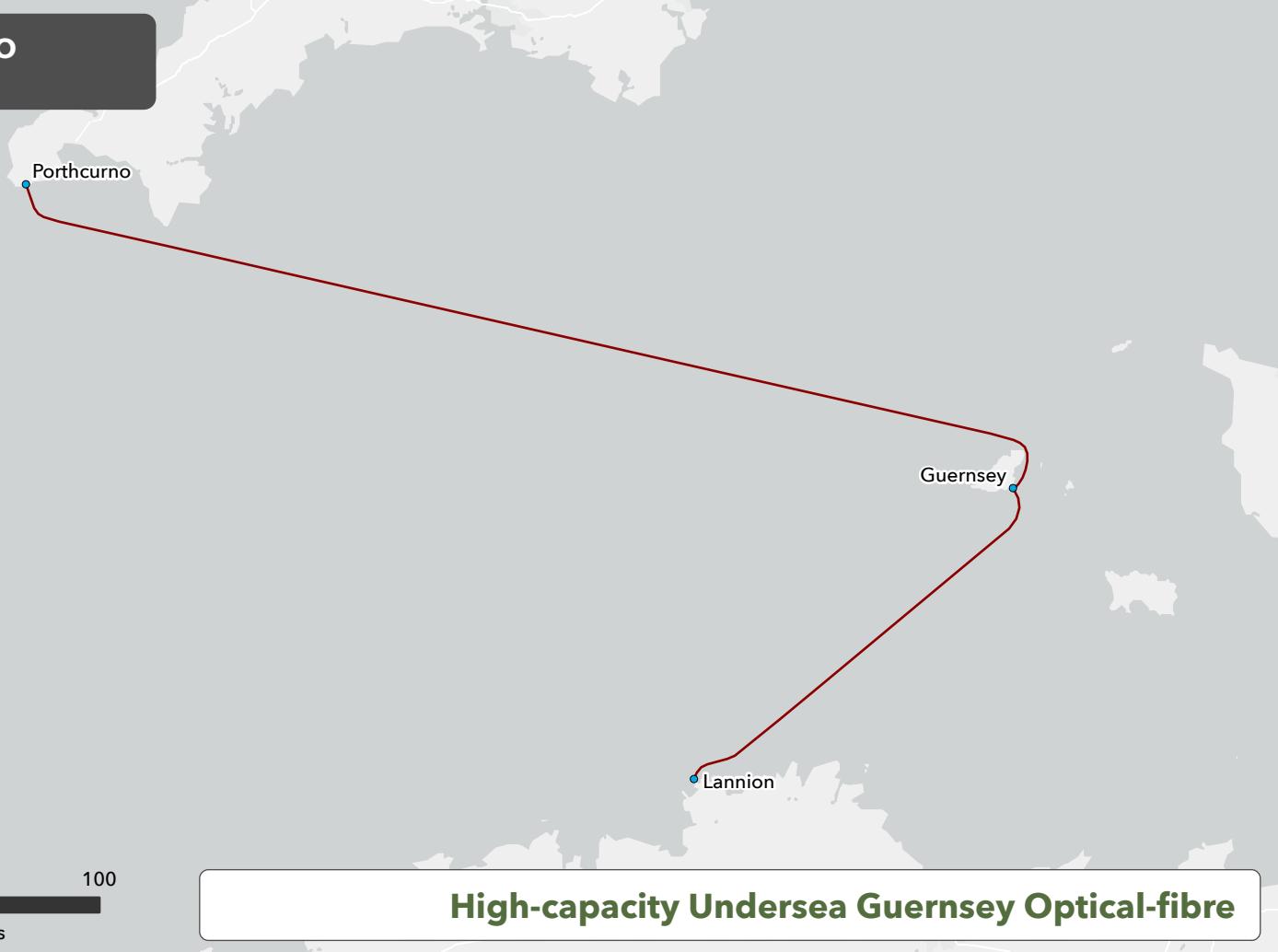


SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$20,000,000
Length (km)	559
Design Capacity (Tbps)	0.64
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	KDD
Owner(s)	KDD, TTK

LANDING POINTS

City	State/Province	Country
Ishikari	Hokkaido	Japan
Nevelsk	Sakhalin Oblast	Russia



0 50 100
Kilometers

High-capacity Undersea Guernsey Optical-fibre

SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$11,960,000
Length (km)	426
Design Capacity (Tbps)	3.3
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASN, Orange, SubCom
Owner(s)	C&W

LANDING POINTS

City	State/Province	Country
Guernsey		Guernsey
Lannion	Brittany	France
Porthcurno	England	United Kingdom

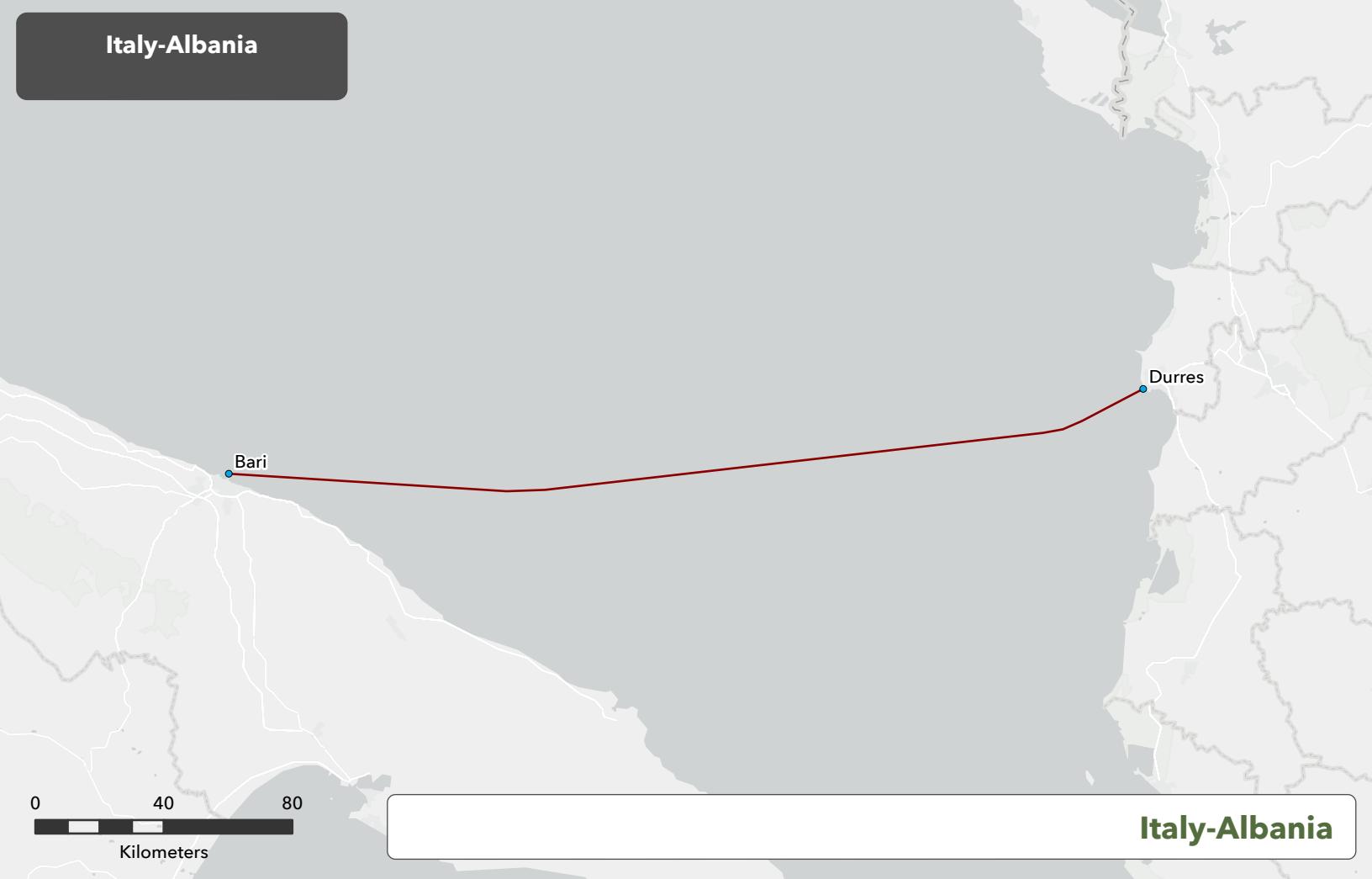


SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$11,000,000
Length (km)	172
Design Capacity (Tbps)	0.01
Fiber Pairs	24
Wavelengths per Fiber Pair	1
Capacity per Wavelength (Gbps)	10
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Aethos		Greece
Otranto	Apulia	Italy



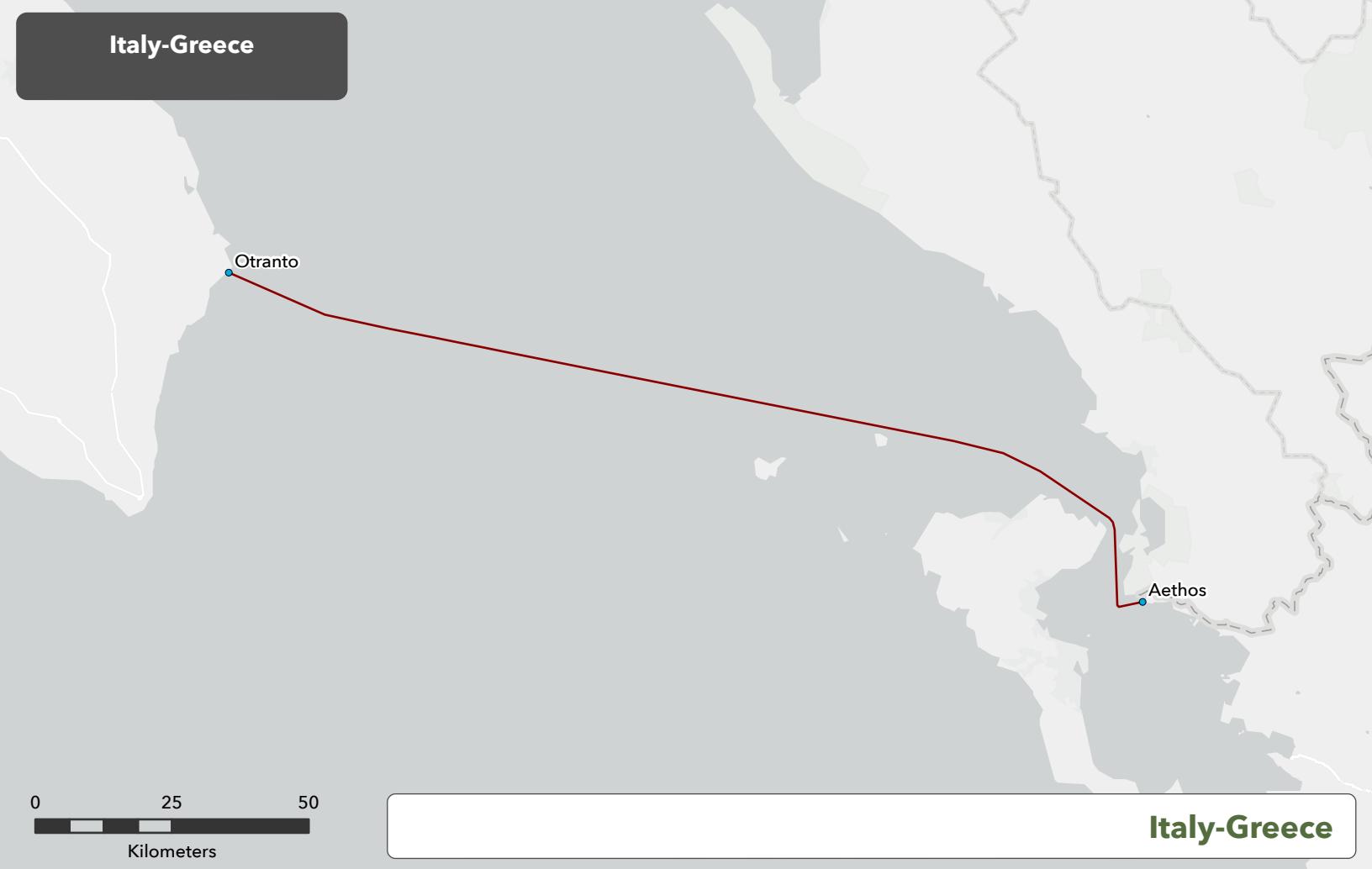
Italy-Albania

SYSTEM DETAILS

RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$10,000,000
Length (km)	236
Design Capacity (Tbps)	0.0025
Fiber Pairs	1
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	ALBtelecom, Telecom Italia Sparkle

LANDING POINTS

City	State/Province	Country
Bari	Apulia	Italy
Durres	Northern Albania	Albania



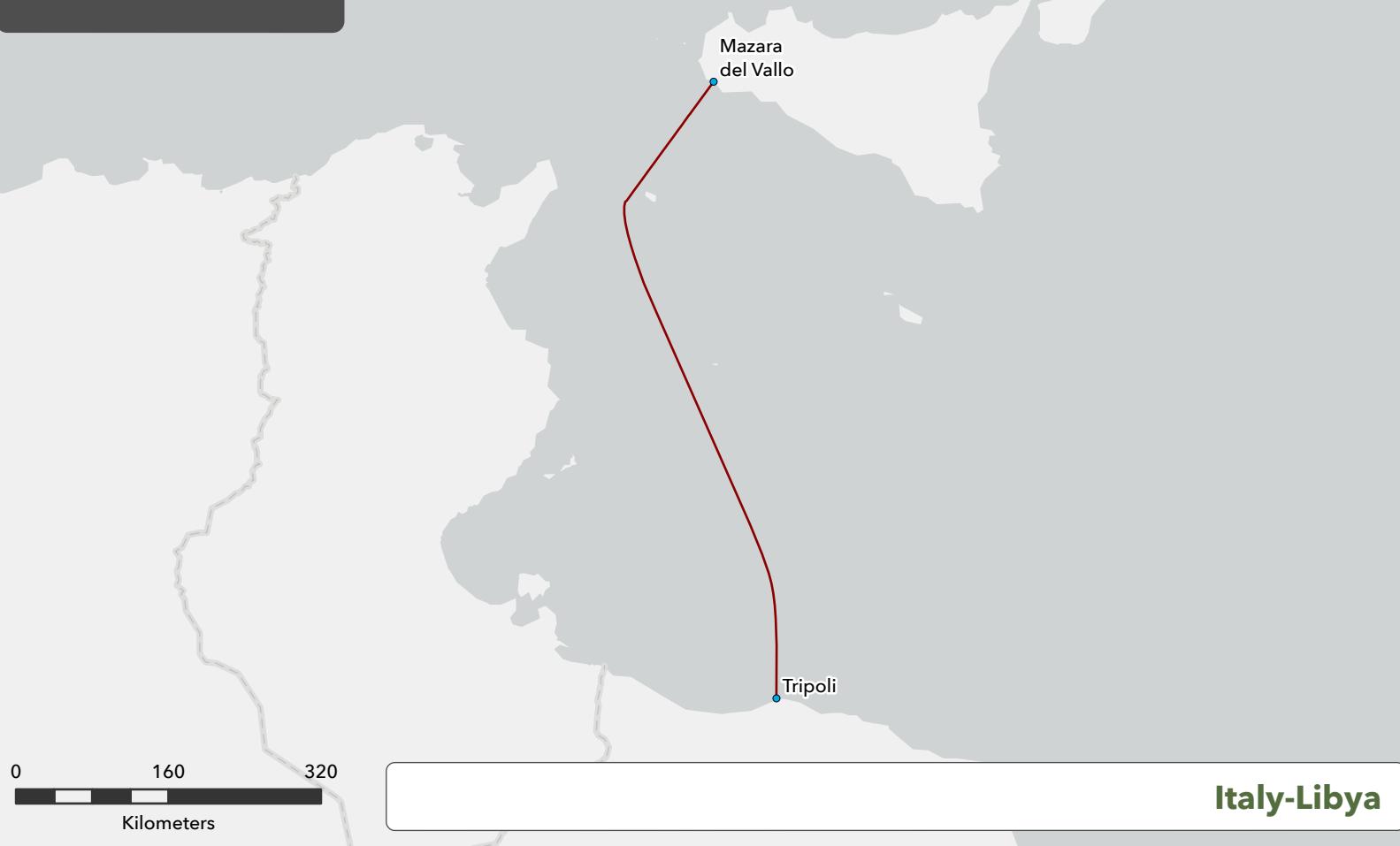
Italy-Greece

SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$10,000,000
Length (km)	161
Design Capacity (Tbps)	0.00169
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telecom Italia

LANDING POINTS

City	State/Province	Country
Aethos		Greece
Otranto	Apulia	Italy

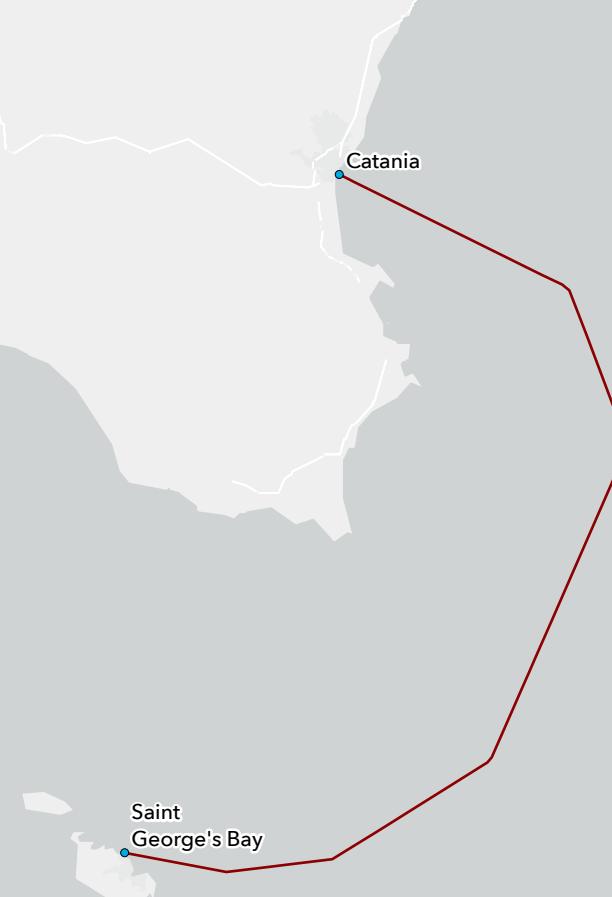


SYSTEM DETAILS

RFS Year	2000
EOS Year	2025
Est. System Cost (USD)	\$10,000,000
Length (km)	570
Design Capacity (Tbps)	0.12
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telecom Italia

LANDING POINTS

City	State/Province	Country
Mazara del Vallo	Sicily	Italy
Tripoli	Tripolitania	Libya



0 50 100
Kilometers

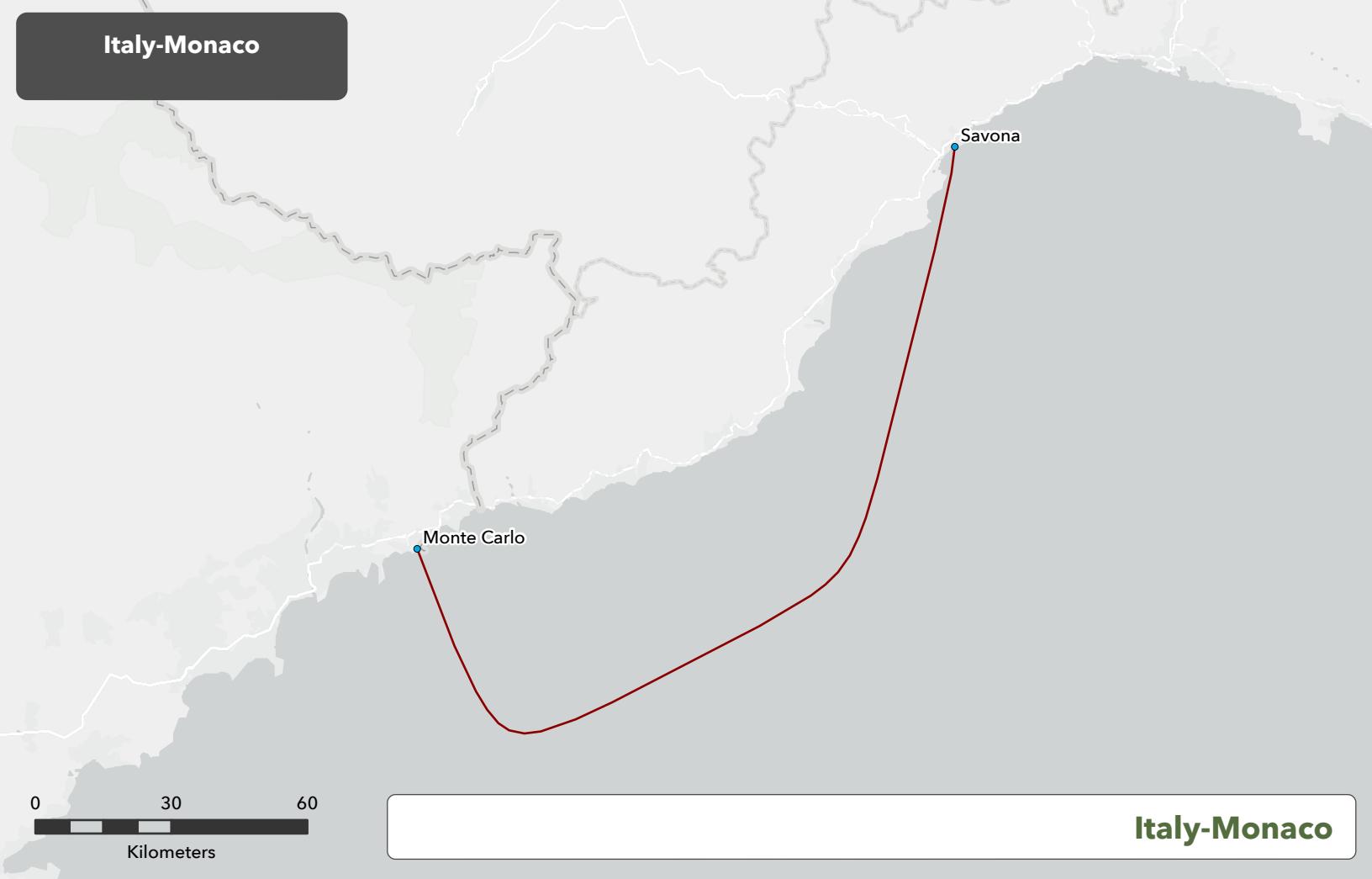
Italy-Malta

SYSTEM DETAILS

RFS Year	1995
EOS Year	2025
Est. System Cost (USD)	\$5,950,000
Length (km)	238
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	2
Capacity per Wavelength (Gbps)	100
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GO PLC, Telecom Italia Sparkle

LANDING POINTS

City	State/Province	Country
Catania	Sicily	Italy
Saint George's Bay	Il-Bajja ta' San Ġorġ	Malta



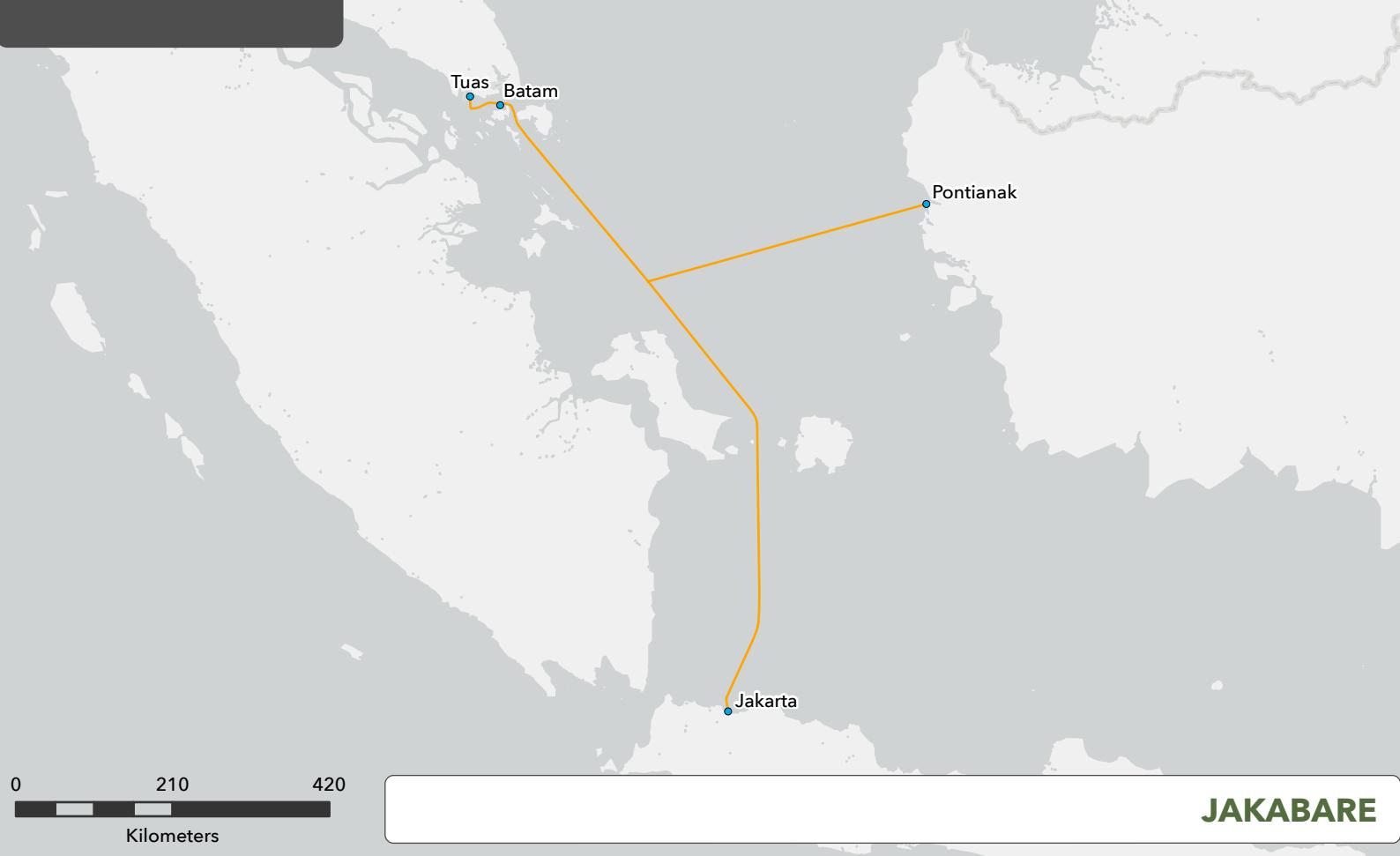
SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$10,000,000
Length (km)	162
Design Capacity (Tbps)	0.000565
Fiber Pairs	1
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telecom Italia

LANDING POINTS

City	State/Province	Country
Monte Carlo		Monaco
Savona	Liguria	Italy

JAKABARE



SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$40,000,000
Length (km)	1,330
Design Capacity (Tbps)	1.28
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASEAN Cableschip, Orange
Owner(s)	Indosat Ooredoo Hutchison

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Jakarta	Jakarta	Indonesia
Pontianak	West Kalimantan	Indonesia
Tuas	West Region	Singapore



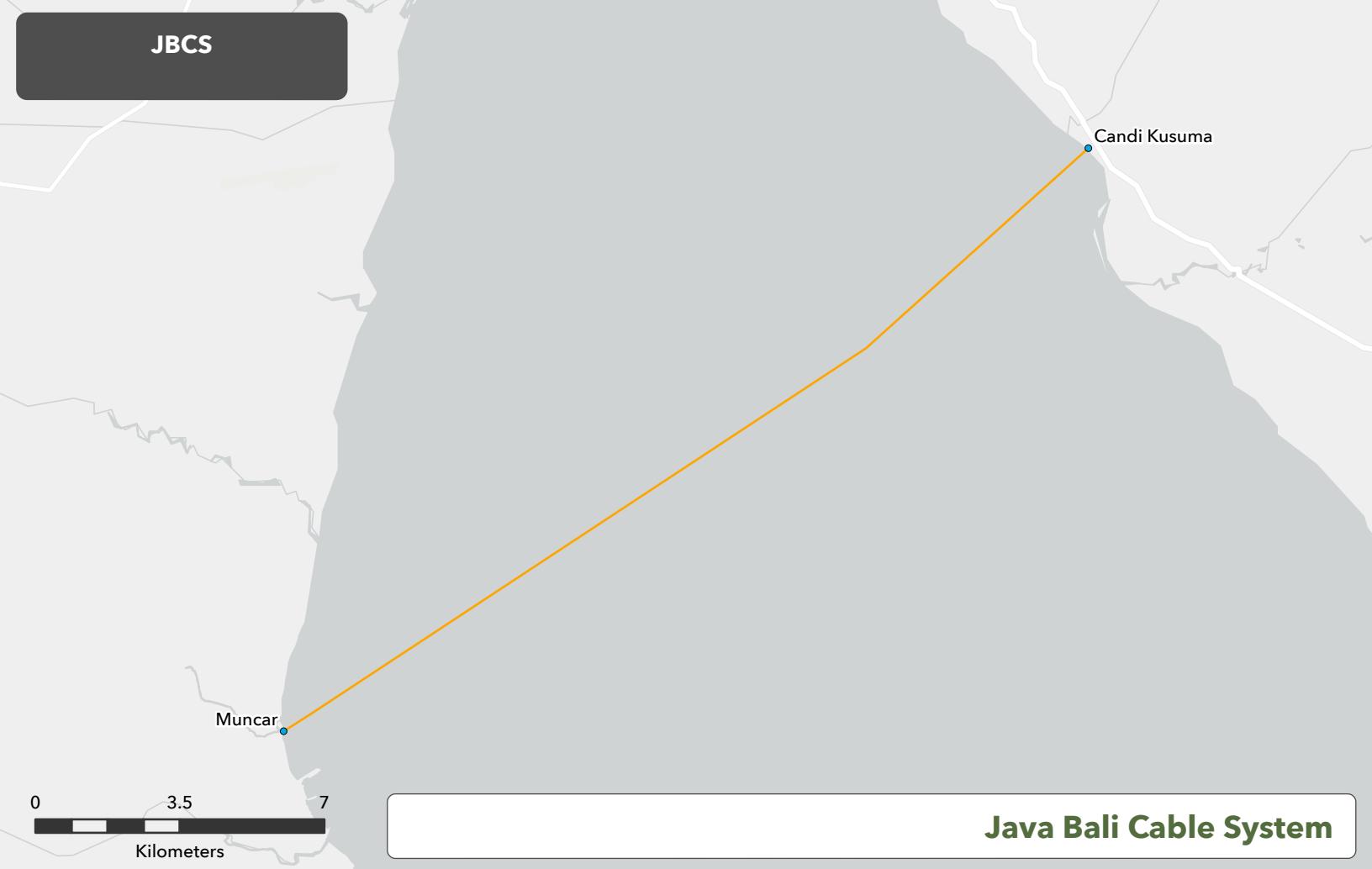
SYSTEM DETAILS

RFS Year	2005
EOS Year	2030
Est. System Cost (USD)	\$15,850,000
Length (km)	634
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Cagliari	Sardinia	Italy
Civitavecchia	Lazio	Italy
Mazara del Vallo	Sicily	Italy
Olbia	Sardinia	Italy

System Installer	Orange
Owner(s)	EXA Infrastructure, Regione Sardegna, Tiscali, Wind Italy

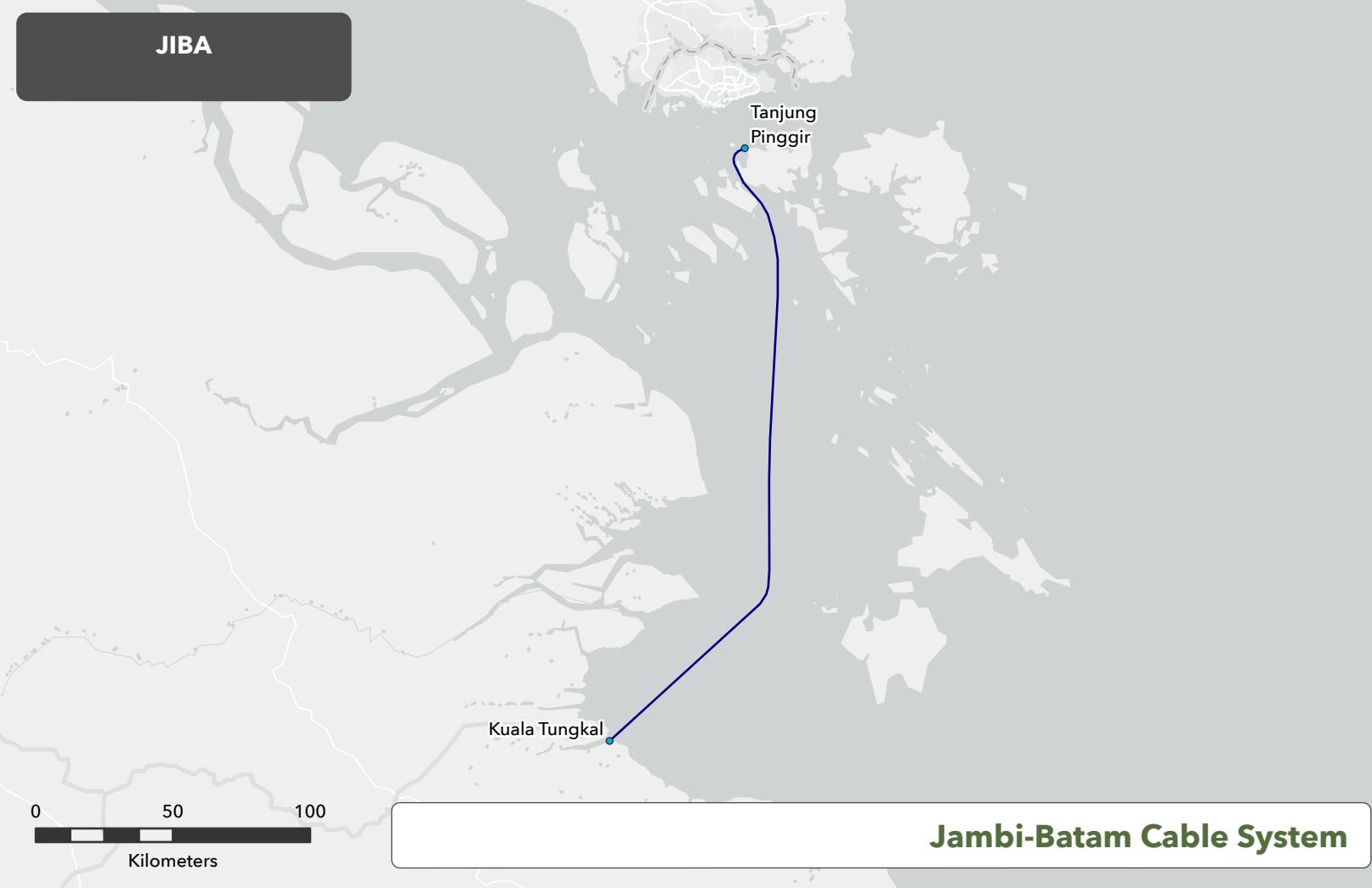


SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$1,000,000
Length (km)	40
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Triasmitra

LANDING POINTS

City	State/Province	Country
Candi Kusuma	Bali	Indonesia
Muncar	East Java	Indonesia



SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$6,675,000
Length (km)	267
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Indosat Ooredoo Hutchison, Moratelindo, XL Axiata

LANDING POINTS

City	State/Province	Country
Kuala Tungkal	Jambi	Indonesia
Tanjung Pinggir	Riau Islands	Indonesia



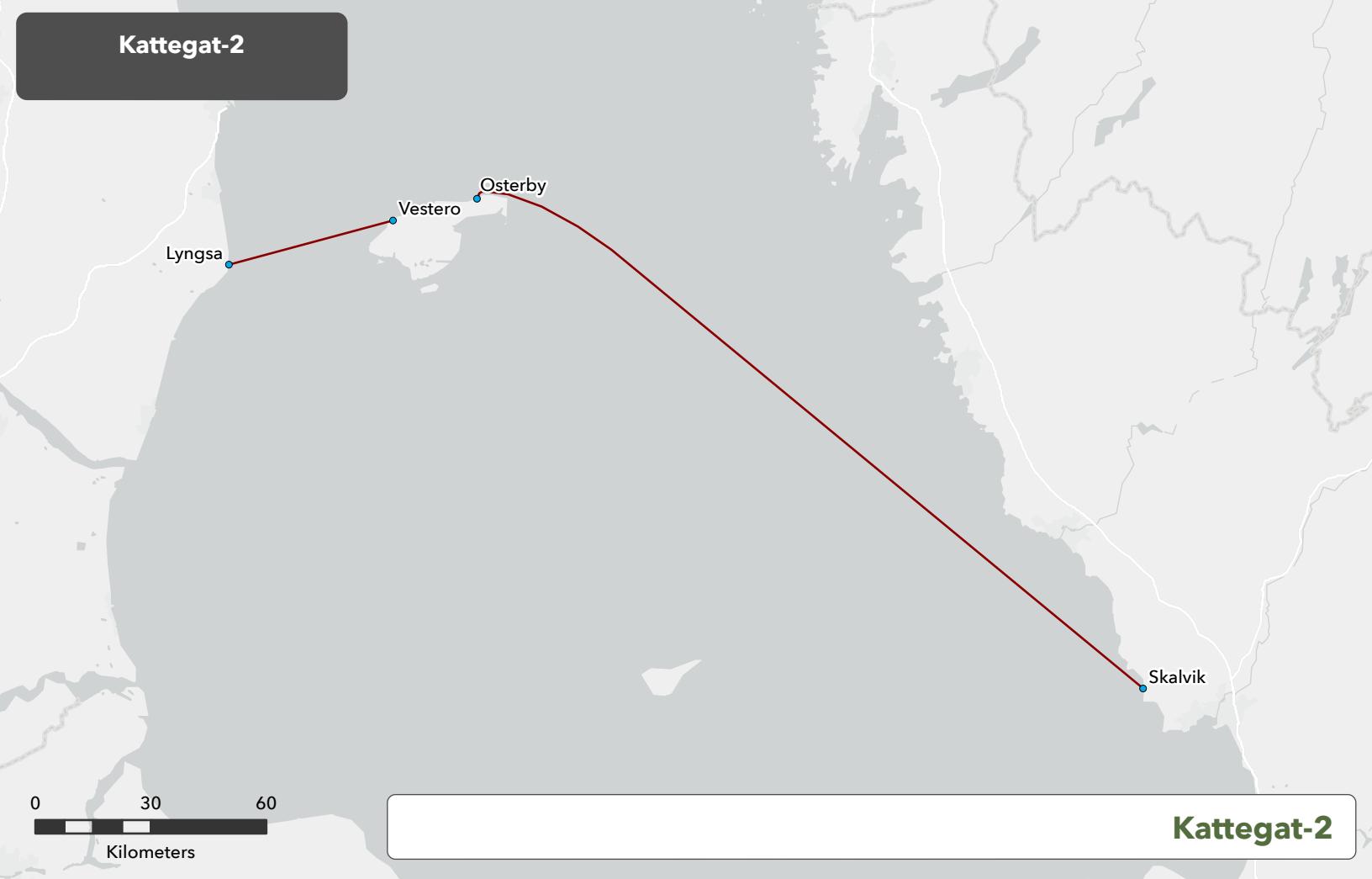
SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$10,000,000
Length (km)	180
Design Capacity (Tbps)	0.02
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	TDC

LANDING POINTS

City	State/Province	Country
Gothenburg	Västra Götaland	Sweden
Jutland	Syddanmark	Denmark

Kattegat-2



Kattegat-2

SYSTEM DETAILS

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$10,000,000
Length (km)	75
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Lyngsa	Nordjylland	Denmark
Osterby	Nordjylland	Denmark
Skalvik	Halland	Sweden
Vesterø	Midtjylland	Denmark

System Installer	Not Available
Owner(s)	TDC



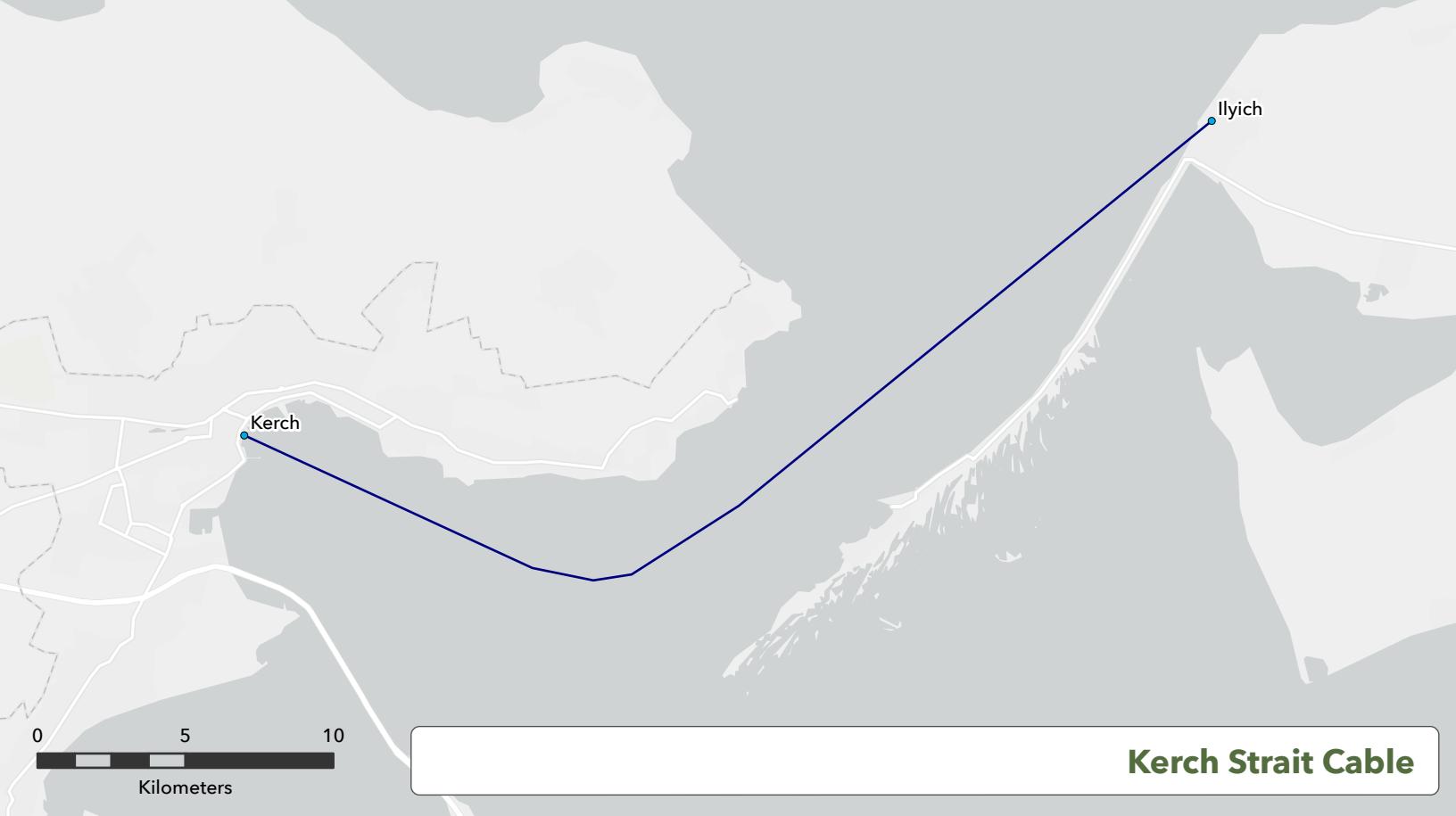
Keltra-2

SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$5,225,000
Length (km)	209
Design Capacity (Tbps)	0.02
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telecom Italia, Tunisie Telecom

LANDING POINTS

City	State/Province	Country
Kélibia	Nabeul	Tunisia
Trapani	Sicily	Italy

**SYSTEM DETAILS**

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$1,150,000
Length (km)	46
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Miranda Media

LANDING POINTS

City	State/Province	Country
Illich	Krasnodar Krai	Russia
Kerch	Kerch city	Ukraine

Ketchikan

Prince Rupert



KetchCan1 Submarine Fiber Cable System

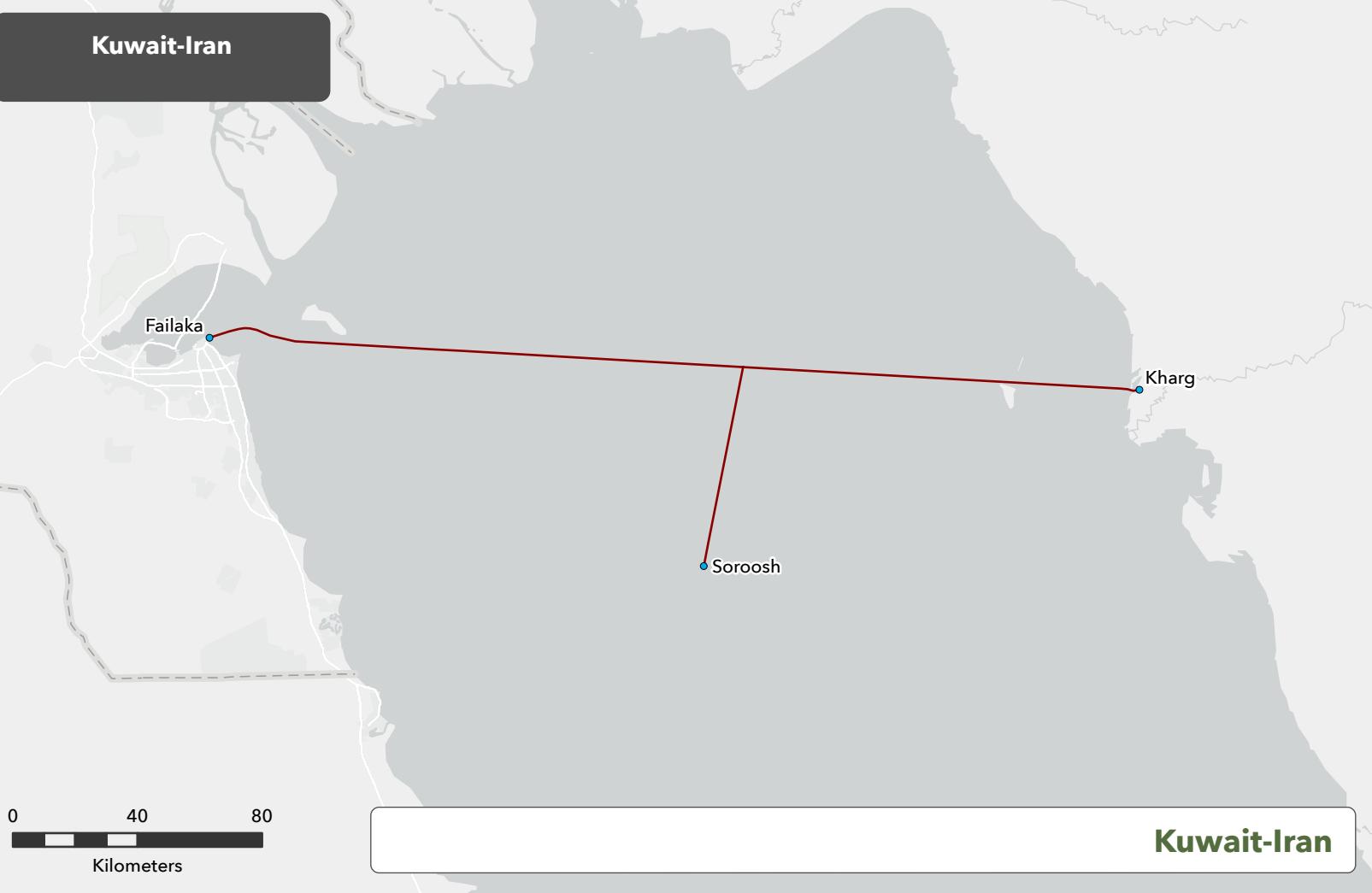
SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$4,000,000
Length (km)	167
Design Capacity (Tbps)	23.04
Fiber Pairs	48
Wavelengths per Fiber Pair	2
Capacity per Wavelength (Gbps)	200
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Ketchikan Public Utilities

LANDING POINTS

City	State/Province	Country
Ketchikan	Alaska	United States
Prince Rupert	British Columbia	Canada

Kuwait-Iran



SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$20,000,000
Length (km)	334
Design Capacity (Tbps)	0.0025
Fiber Pairs	6
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Iran Ministry of Communications, Kuwait and Telecommunication Infrastructure Company

LANDING POINTS

City	State/Province	Country
Failaka	Al Ahmadi	Kuwait
Kharg	Kharg	Iran
Soroosh		Iran



Lazaro Cardenas-Manzanillo Santiago Submarine Cable System

SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$8,050,000
Length (km)	322
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	2
Capacity per Wavelength (Gbps)	100
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telmex

LANDING POINTS

City	State/Province	Country
Cuidad Lázaro Cárdenas	Michoacán	Mexico
Ixtapa	Guerrero	Mexico
Manzanillo	Colima	Mexico

Libreville-Port Gentil Cable



Libreville-Port Gentil Cable

SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$4,950,000
Length (km)	198
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Republic of Gabon

LANDING POINTS

City	State/Province	Country
Libreville	Estuaire	Gabon
Port Gentil	Ogooué-Maritime	Gabon

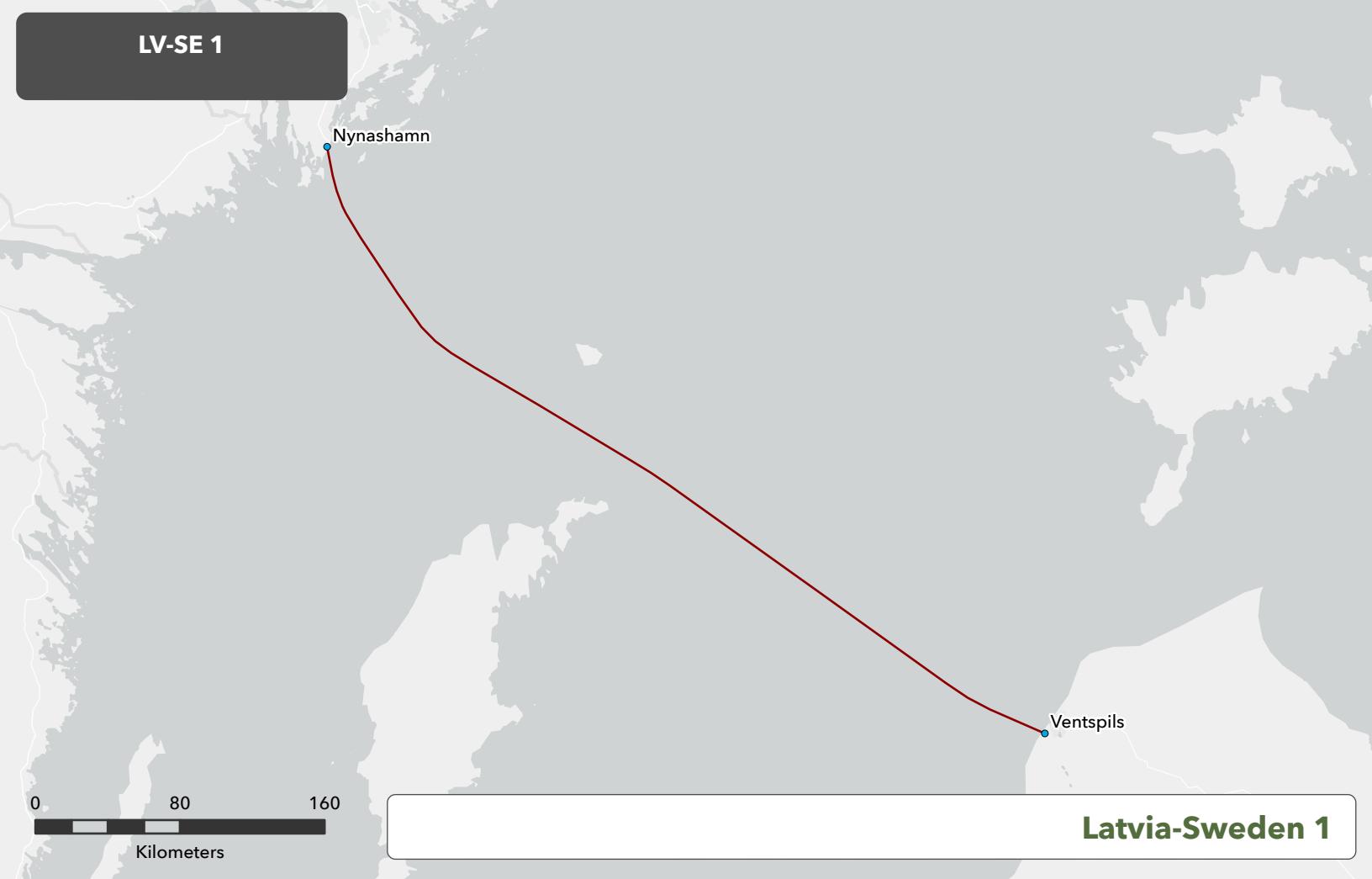


SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$11,150,000
Length (km)	446
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telkom Indonesia

LANDING POINTS

City	State/Province	Country
Luwuk	Central Sulawesi	Indonesia
Tutuyan	North Sulawesi	Indonesia

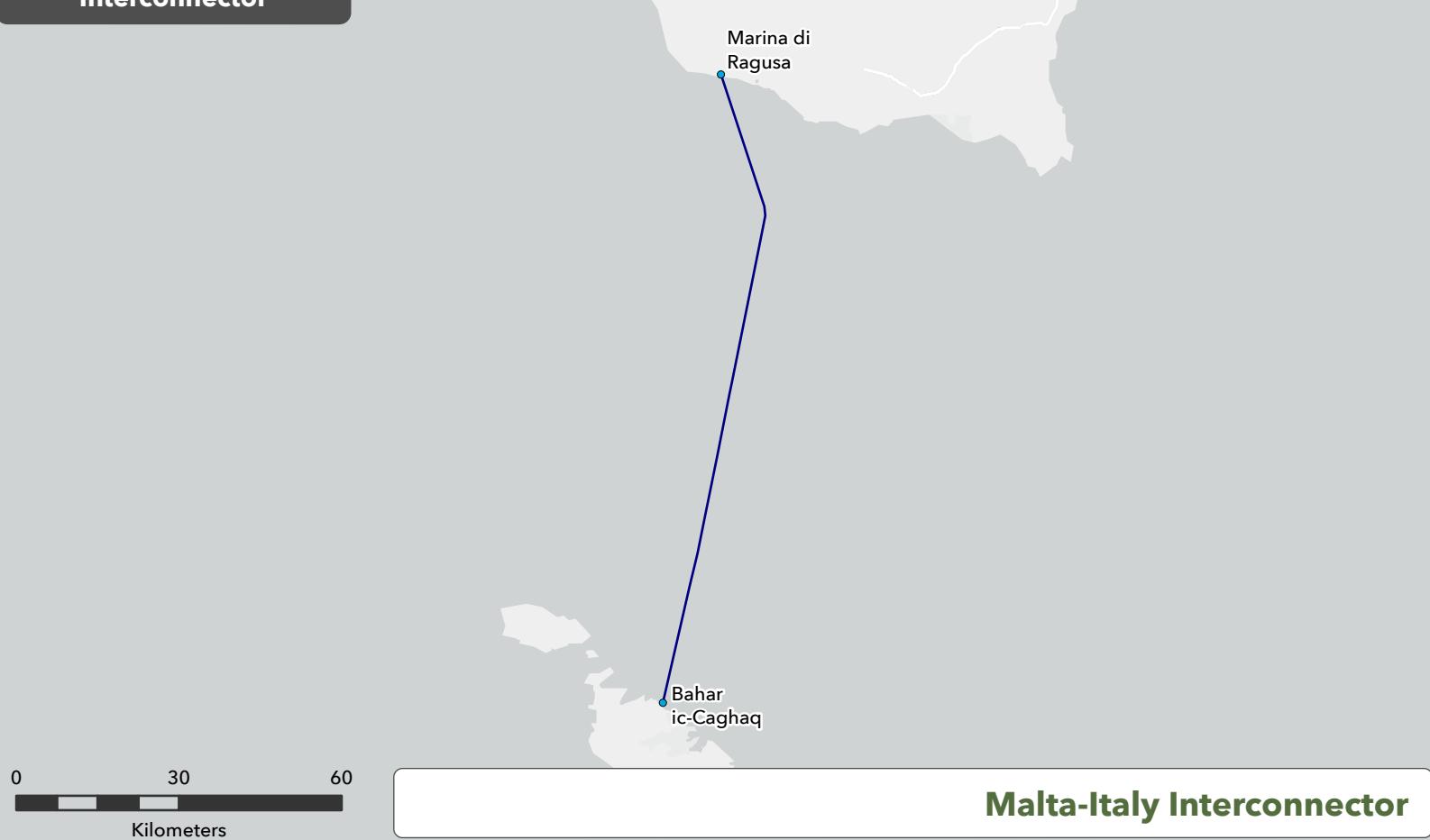
**SYSTEM DETAILS**

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$7,600,000
Length (km)	304
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Arelion, LatTelecom, Tele2, Telecom Italia Sparkle

LANDING POINTS

City	State/Province	Country
Nynashamn	Stockholm	Sweden
Ventspils	Courland	Latvia

Malta-Italy Interconnector



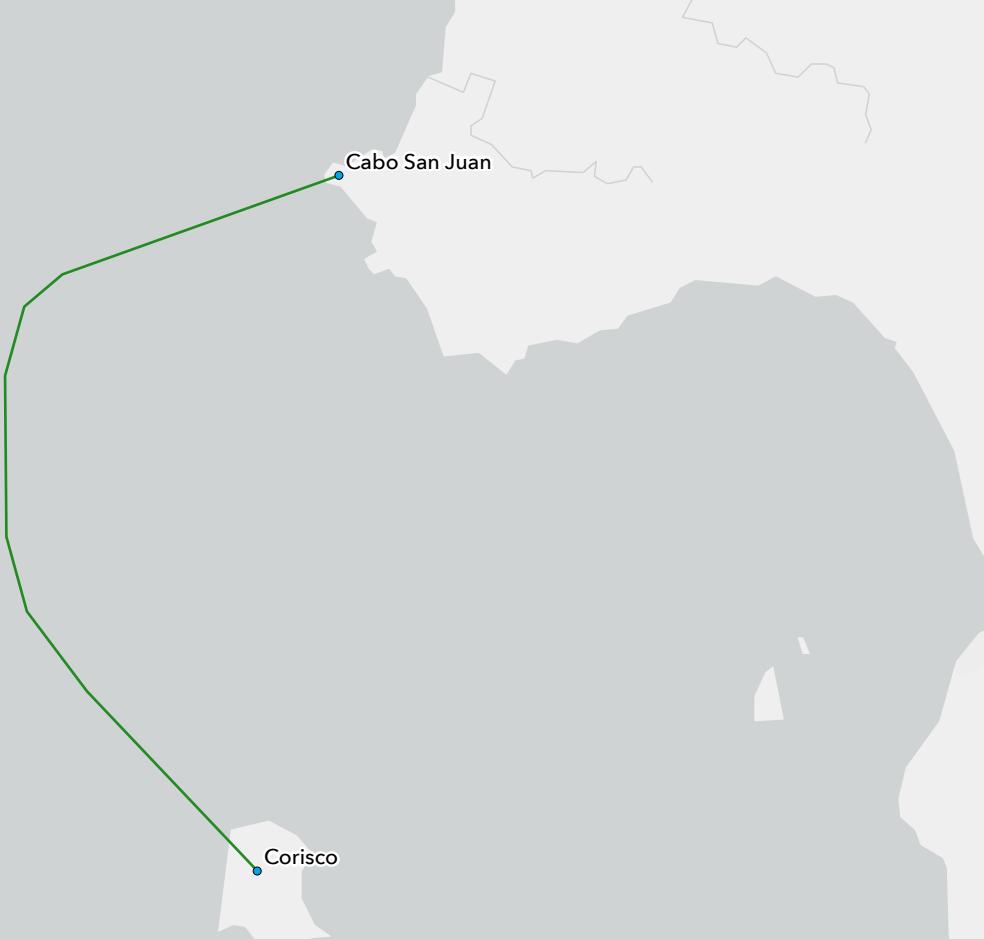
SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$2,375,000
Length (km)	95
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Government of Malta

LANDING POINTS

City	State/Province	Country
Bahar ic-Cagħaq	Naxxa	Malta
Marina di Ragusa	Sicily	Italy

Mandji Fiber Optic Cable



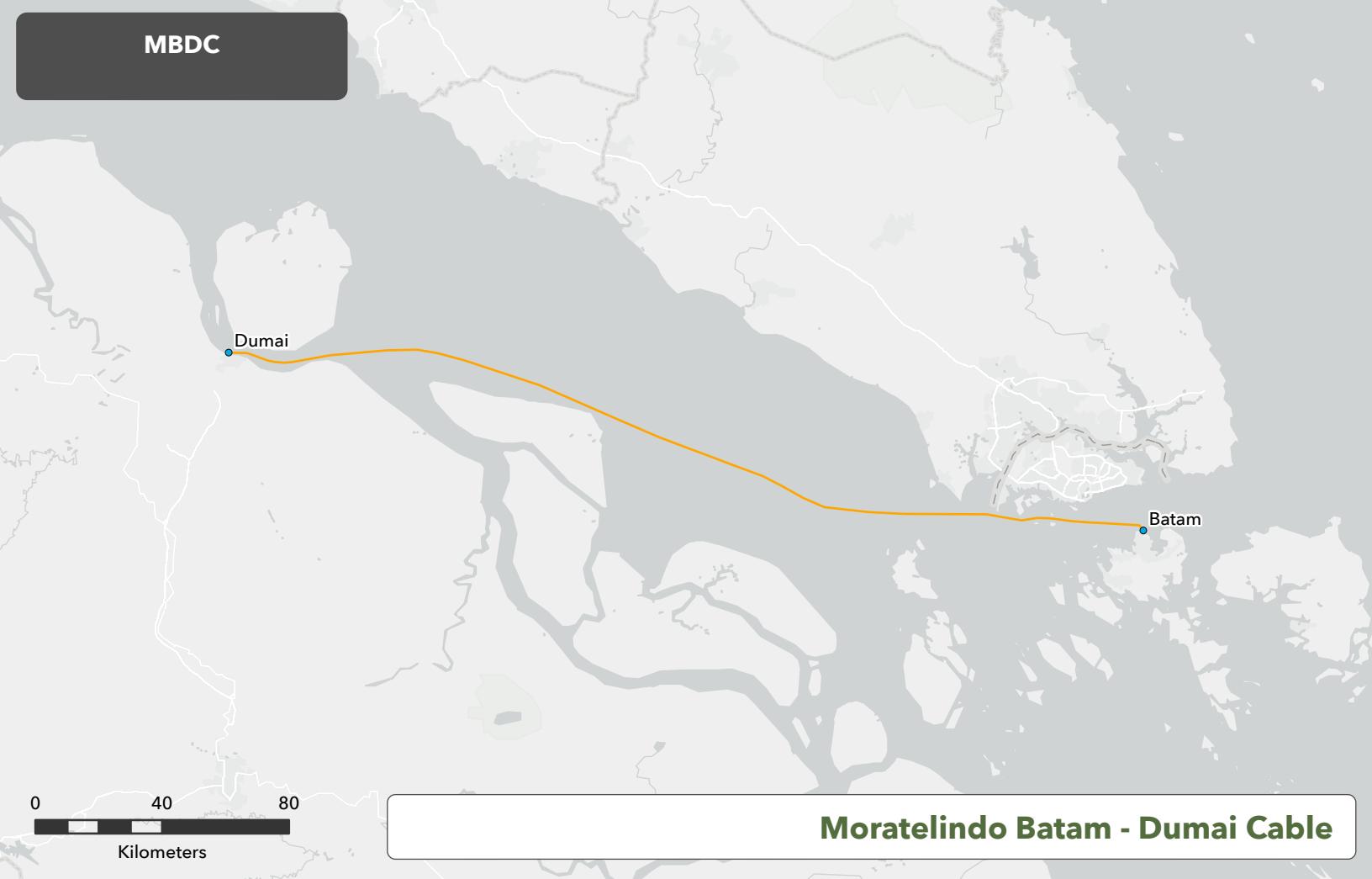
Mandji Fiber Optic Cable

SYSTEM DETAILS

RFS Year	2020
EOS Year	2045
Est. System Cost (USD)	\$1,250,000
Length (km)	50
Design Capacity (Tbps)	Not Available
Fiber Pairs	24
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Gestor de Infraestructuras de Telecomunicaciones de Guinea Ecuatorial (GITGE)

LANDING POINTS

City	State/Province	Country
Cabo San Juan	Litoral	Equatorial Guinea
Corisco	Litoral	Equatorial Guinea

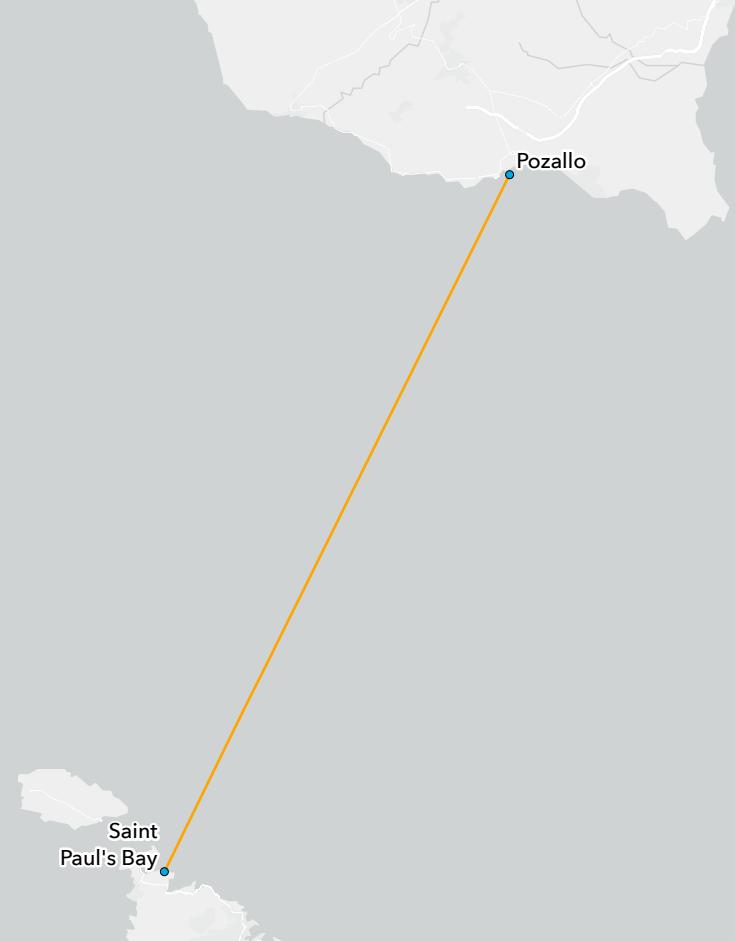
**SYSTEM DETAILS**

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$40,000,000
Length (km)	330
Design Capacity (Tbps)	0.01
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Moratelindo

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Dumai	Riau	Indonesia

Melita-1



Melita-1

SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$14,000,000
Length (km)	100
Design Capacity (Tbps)	0.00005
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Melita Infrastructure Ltd.

LANDING POINTS

City	State/Province	Country
Pozallo	Sicily	Italy
Saint Paul's Bay	Saint Paul's Bay	Malta



SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$10,000,000
Length (km)	70
Design Capacity (Tbps)	0.01
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Global Marine Systems Limited
Owner(s)	Moratelindo

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Changi	East Region	Singapore

**SYSTEM DETAILS**

RFS Year	2001
EOS Year	2026
Est. System Cost (USD)	\$5,300,000
Length (km)	212
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Spark New Zealand

LANDING POINTS

City	State/Province	Country
Levin	Manawatū-Whanganui	New Zealand
Nelson	Nelson	New Zealand

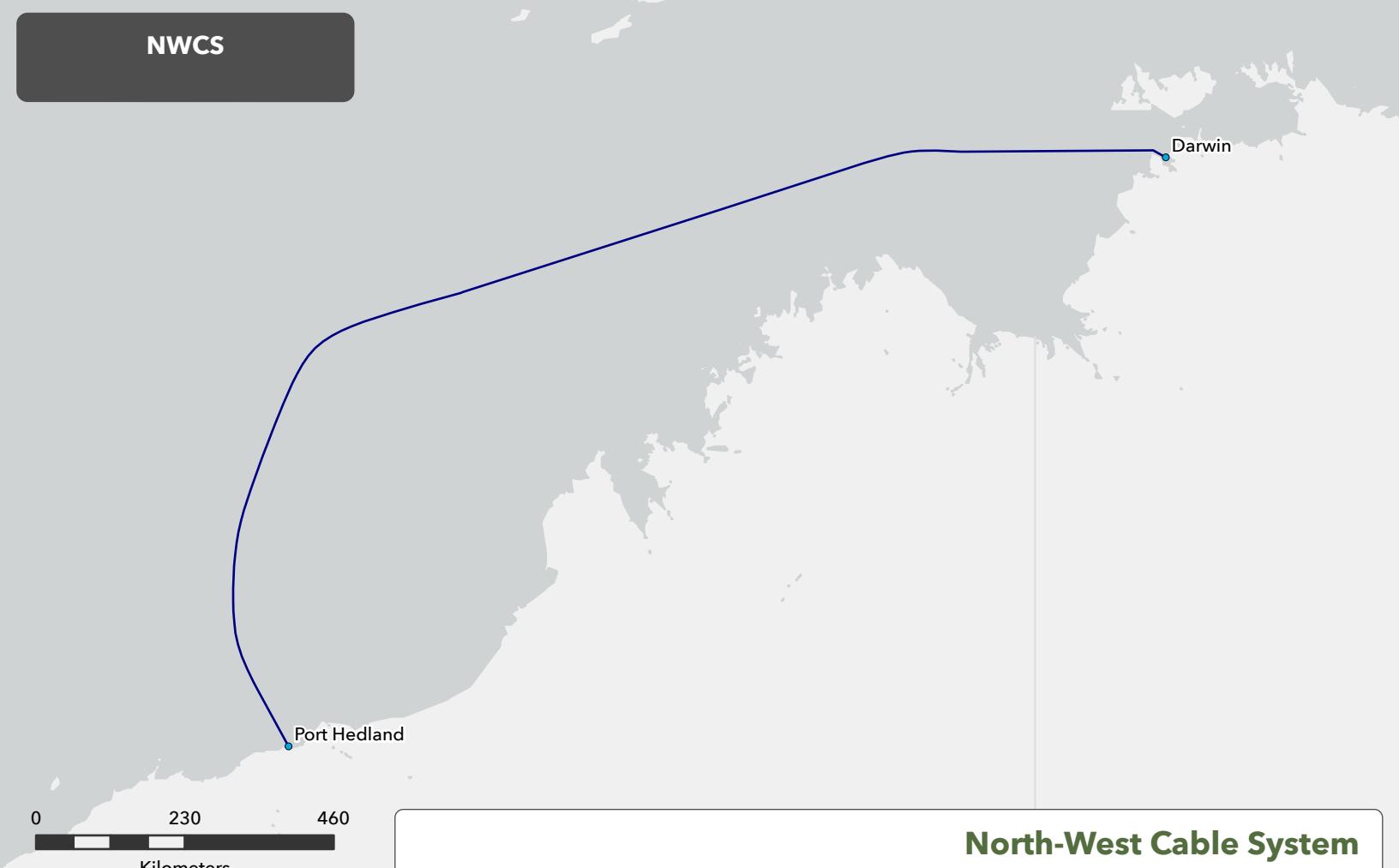


SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$10,000,000
Length (km)	400
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Lietuvos Energija, Svenska Kraftnät

LANDING POINTS

City	State/Province	Country
Klaipeda	Klaipėda	Lithuania
Nybro	Kalmar	Sweden



North-West Cable System

SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$52,500,000
Length (km)	2,100
Design Capacity (Tbps)	12
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Vocus Communications

LANDING POINTS

City	State/Province	Country
Darwin	Northern Territory	Australia
Port Hedland	Western Australia	Australia

Palawa-Iloilo Cable System



Palawa-Iloilo Cable System

SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$7,500,000
Length (km)	300
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	PLDT

LANDING POINTS

City	State/Province	Country
San Jose de Buenavista	Antique	Philippines
Taytay	Palawan	Philippines

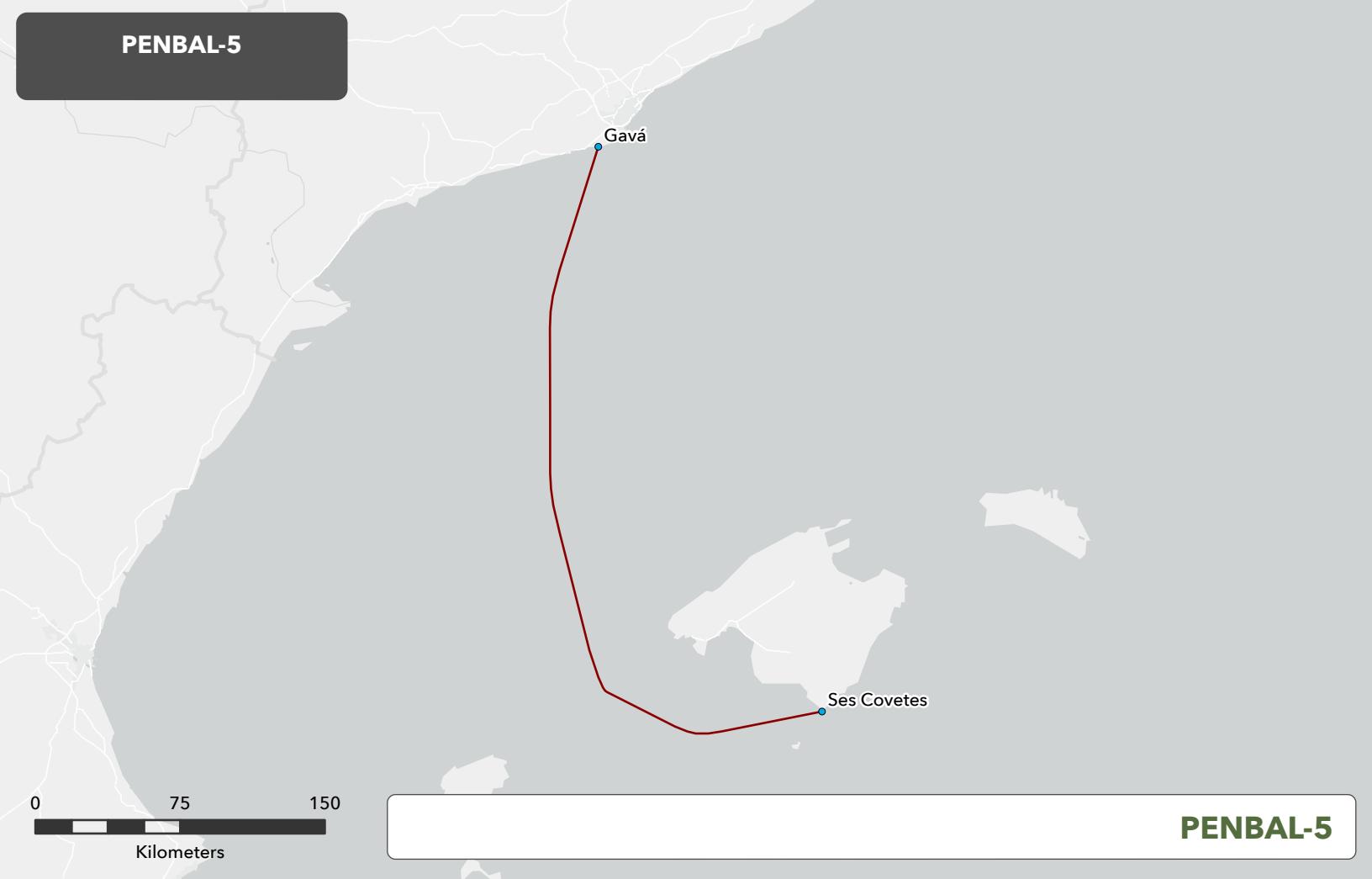


SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$1,000,000
Length (km)	40
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Fiberstar, XL Axiata

LANDING POINTS

City	State/Province	Country
Muntok	Bangka Belitung Islands	Indonesia
Sungsang	South Sumatra	Indonesia



SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$7,725,000
Length (km)	309
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telefonica

LANDING POINTS

City	State/Province	Country
Gavá	Catalonia	Spain
Ses Covetes	Balaeric Islands	Spain



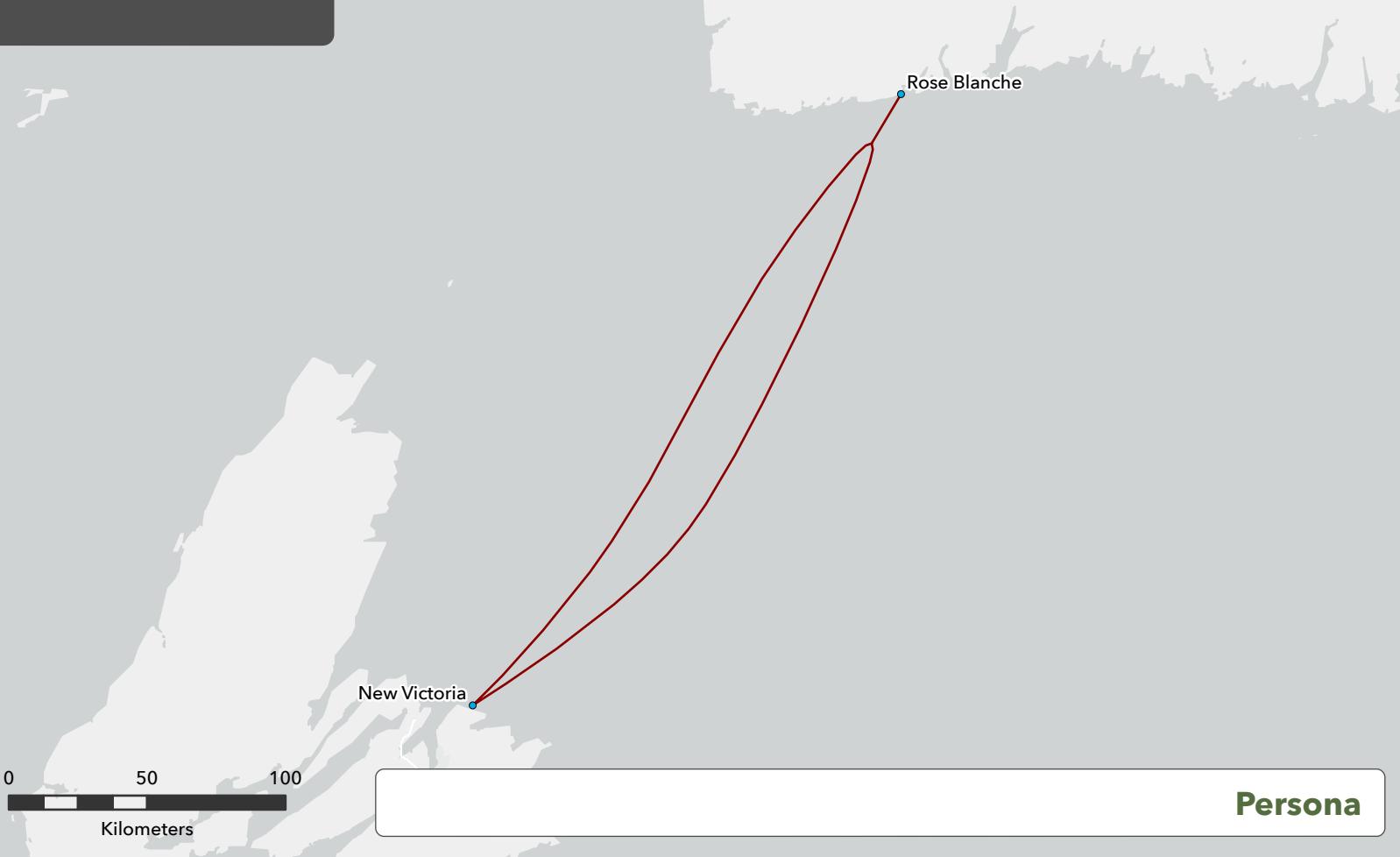
SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$34,950,000
Length (km)	1,398
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telefonica

LANDING POINTS

City	State/Province	Country
Chipiona	Cádiz	Spain
Tarahales	Canary Islands	Spain

Persona

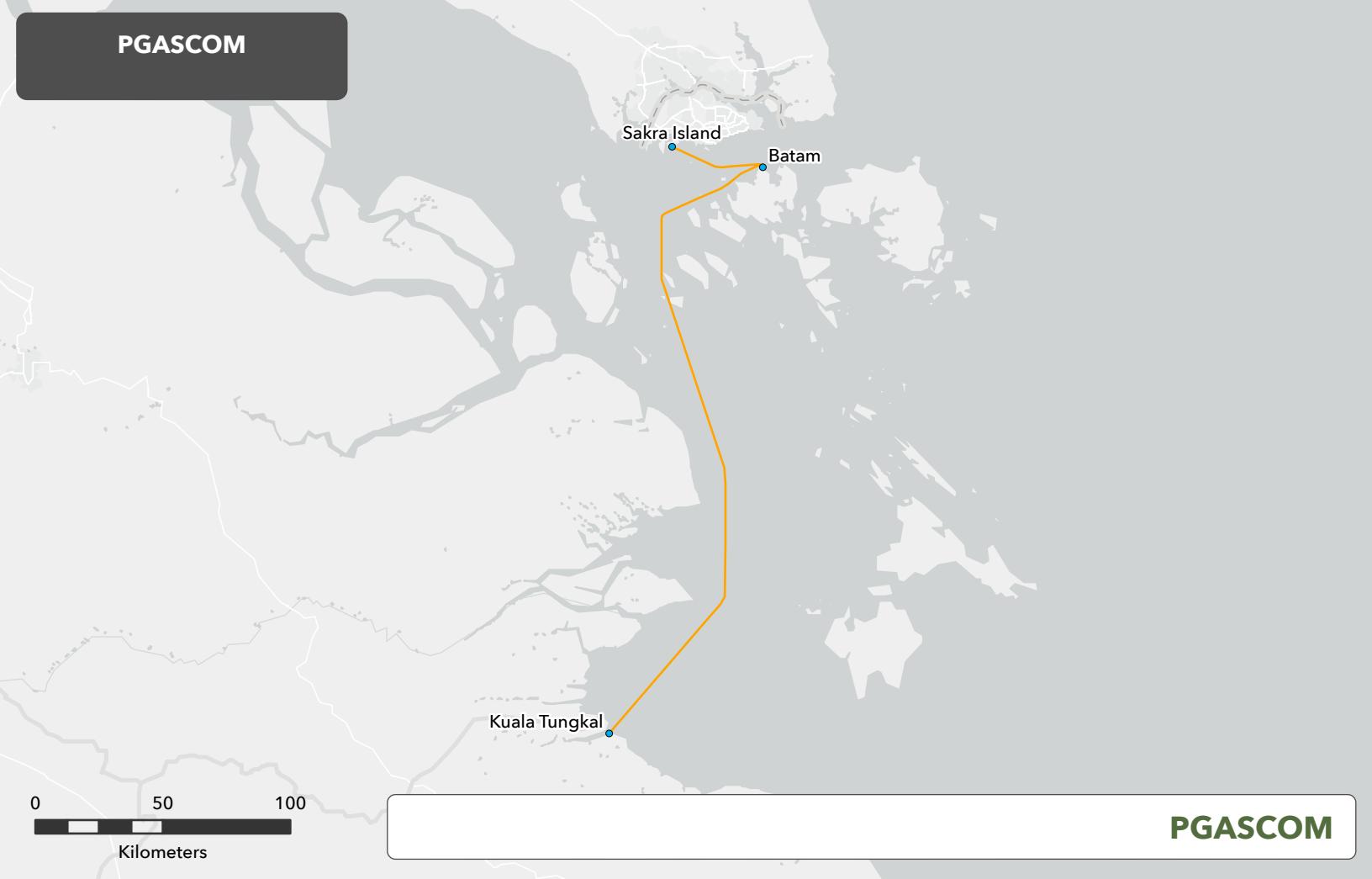


SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$20,000,000
Length (km)	800
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	EastLink

LANDING POINTS

City	State/Province	Country
New Victoria	Nova Scotia	Canada
Rose Blanche	Newfoundland and	Canada



SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$6,600,000
Length (km)	264
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	PGASCOM

LANDING POINTS

City	State/Province	Country
Batam	Riau Islands	Indonesia
Kuala Tungkal	Jambi	Indonesia
Sakra Island	Jurong Island	Singapore

Kikori

Port Moresby

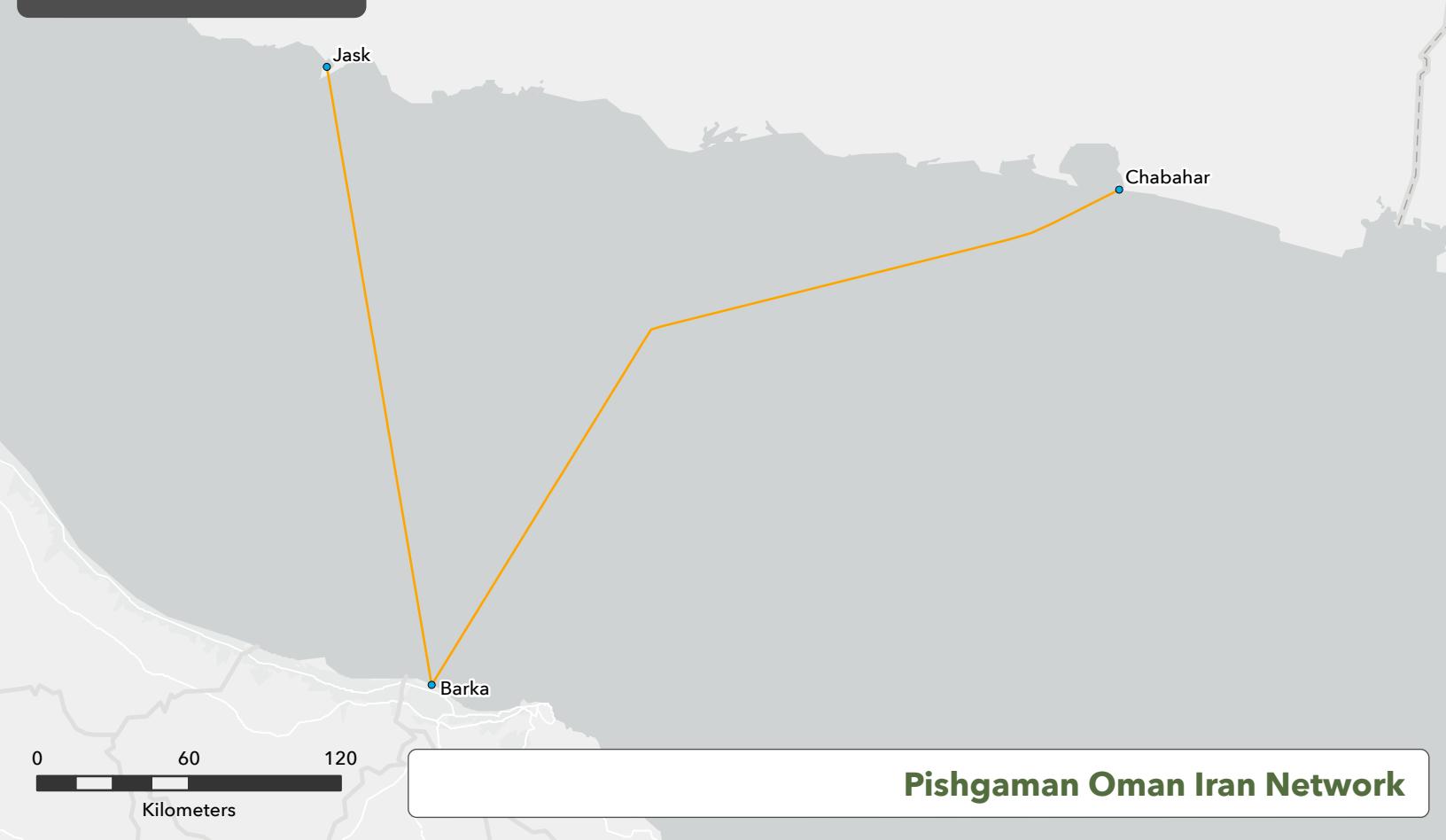


SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$5,000,000
Length (km)	200
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telikom Papua New Guinea

LANDING POINTS

City	State/Province	Country
Kikori	Gulf Province	Papua New Guinea
Port Moresby	National Capital District	Papua New Guinea

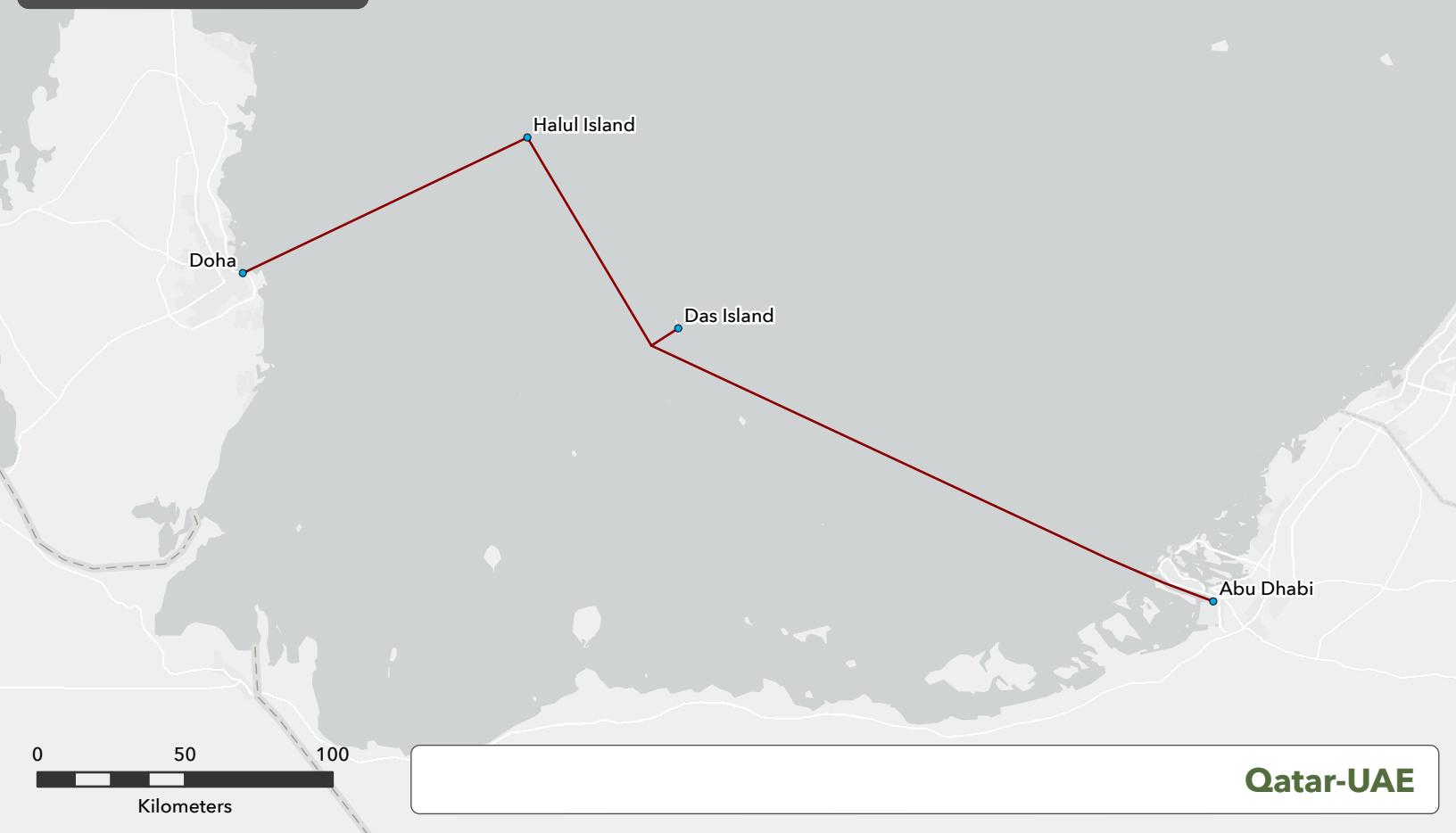


SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$10,000,000
Length (km)	400
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Pishgaman Kavir

LANDING POINTS

City	State/Province	Country
Barka	Al Bāṭinah	Oman
Chabahar	Sistan and Baluchestan	Iran
Jask	Hormozgan	Iran

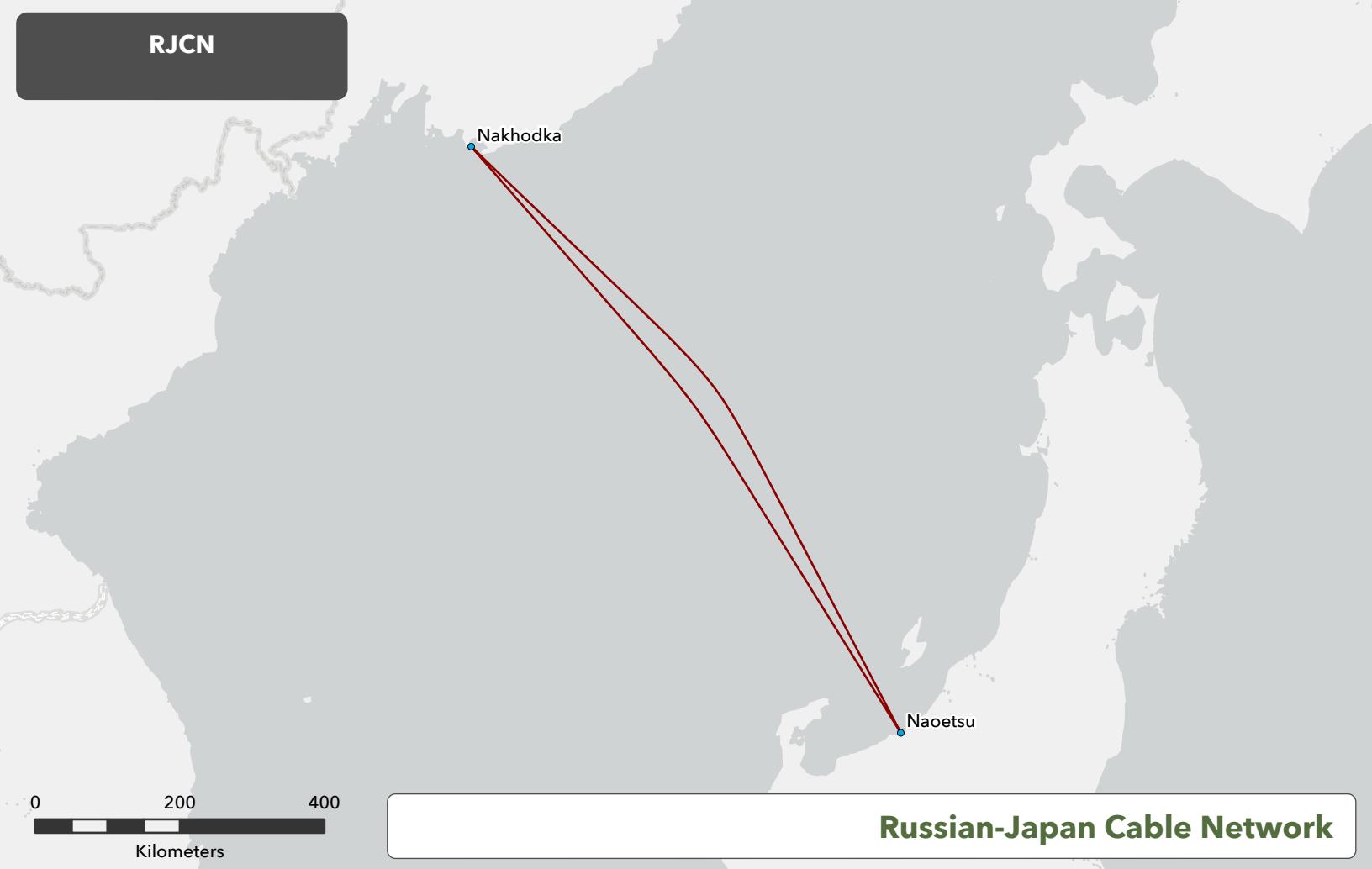


SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$10,000,000
Length (km)	208
Design Capacity (Tbps)	0.02
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Etisalat, Ooredoo

LANDING POINTS

City	State/Province	Country
Abu Dhabi	Abu Dhabi	United Arab Emirates
Das Island	Das Island	United Arab Emirates
Doha	Doha	Qatar
Halul Island	Doha	Qatar



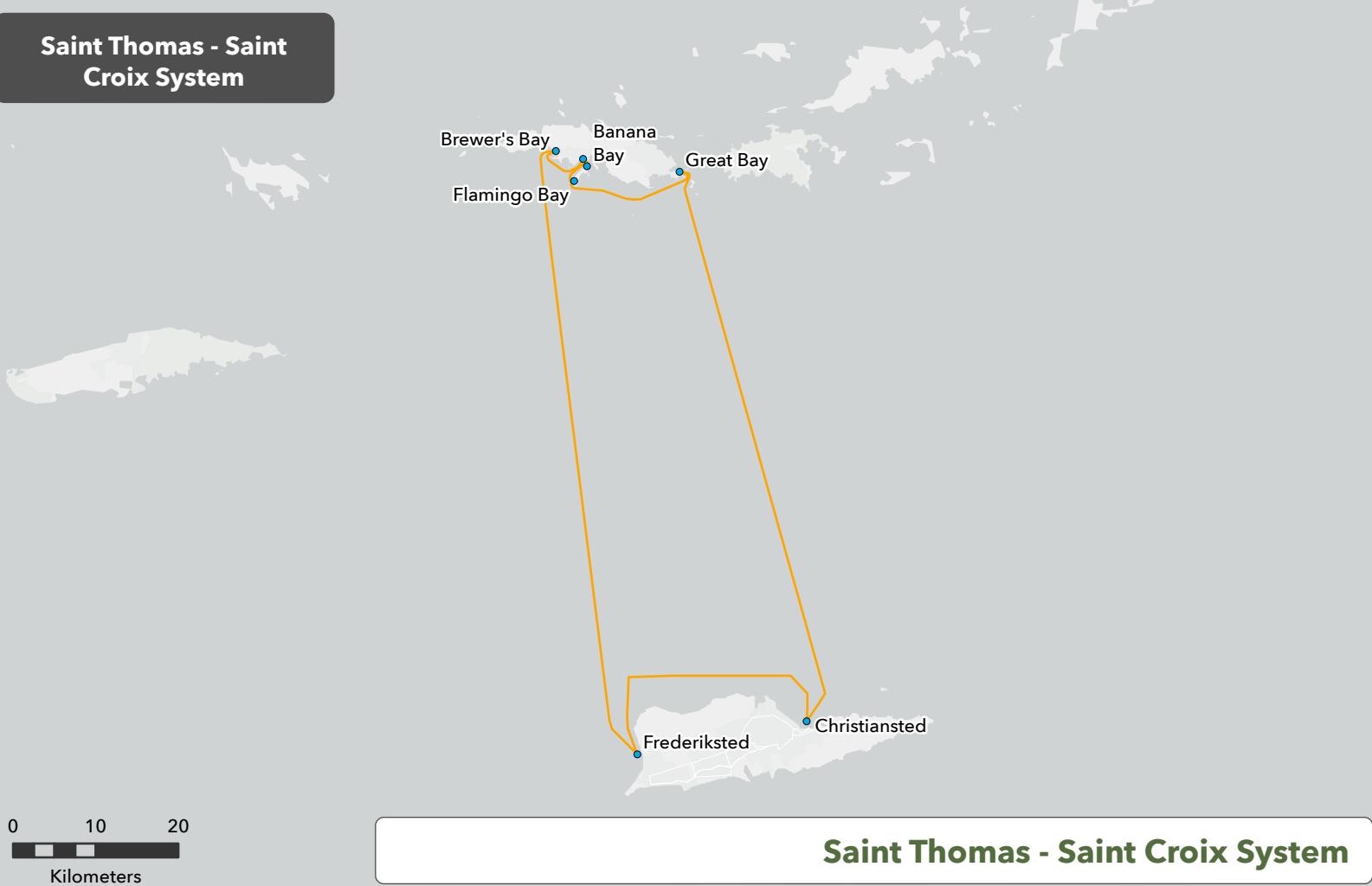
SYSTEM DETAILS

RFS Year	2006
EOS Year	2031
Est. System Cost (USD)	\$50,000,000
Length (km)	1,795
Design Capacity (Tbps)	0.64
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Rostelecom

LANDING POINTS

City	State/Province	Country
Nakhodka	Primorsky Krai	Russia
Naoetsu	Niigata	Japan

Saint Thomas - Saint Croix System

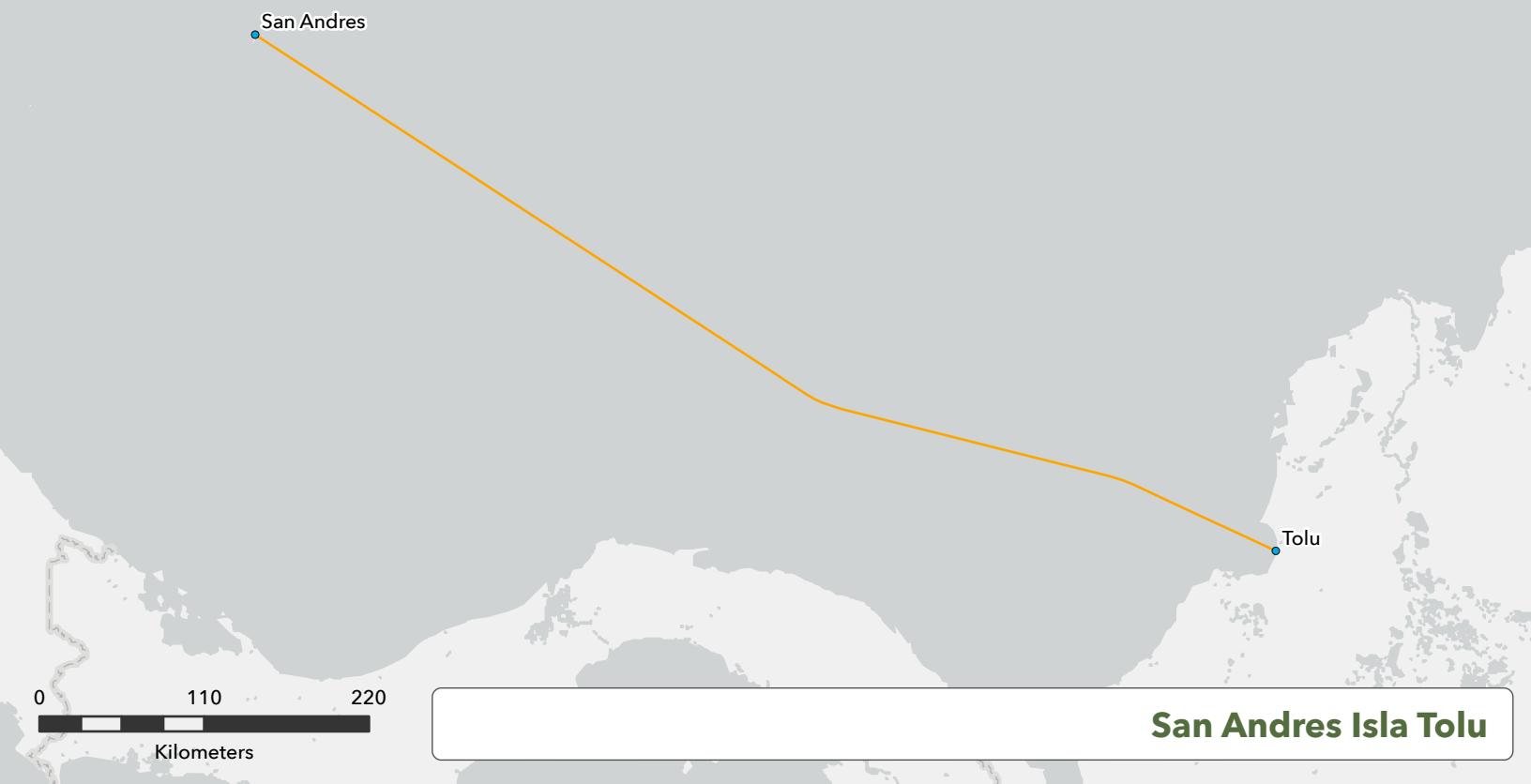


SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$4,575,000
Length (km)	183
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Virgin Islands Next Generation Networks, Inc.

LANDING POINTS

City	State/Province	Country
Banana Bay	Water Island	U.S. Virgin Islands
Brewer's Bay	St. Thomas	U.S. Virgin Islands
Christiansted	St. Croix	U.S. Virgin Islands
Flamingo Bay	Water Island	U.S. Virgin Islands
Frederiksted	St. Croix	U.S. Virgin Islands
Great Bay	St. Thomas	U.S. Virgin Islands
Villa Olga	St. Thomas	U.S. Virgin Islands

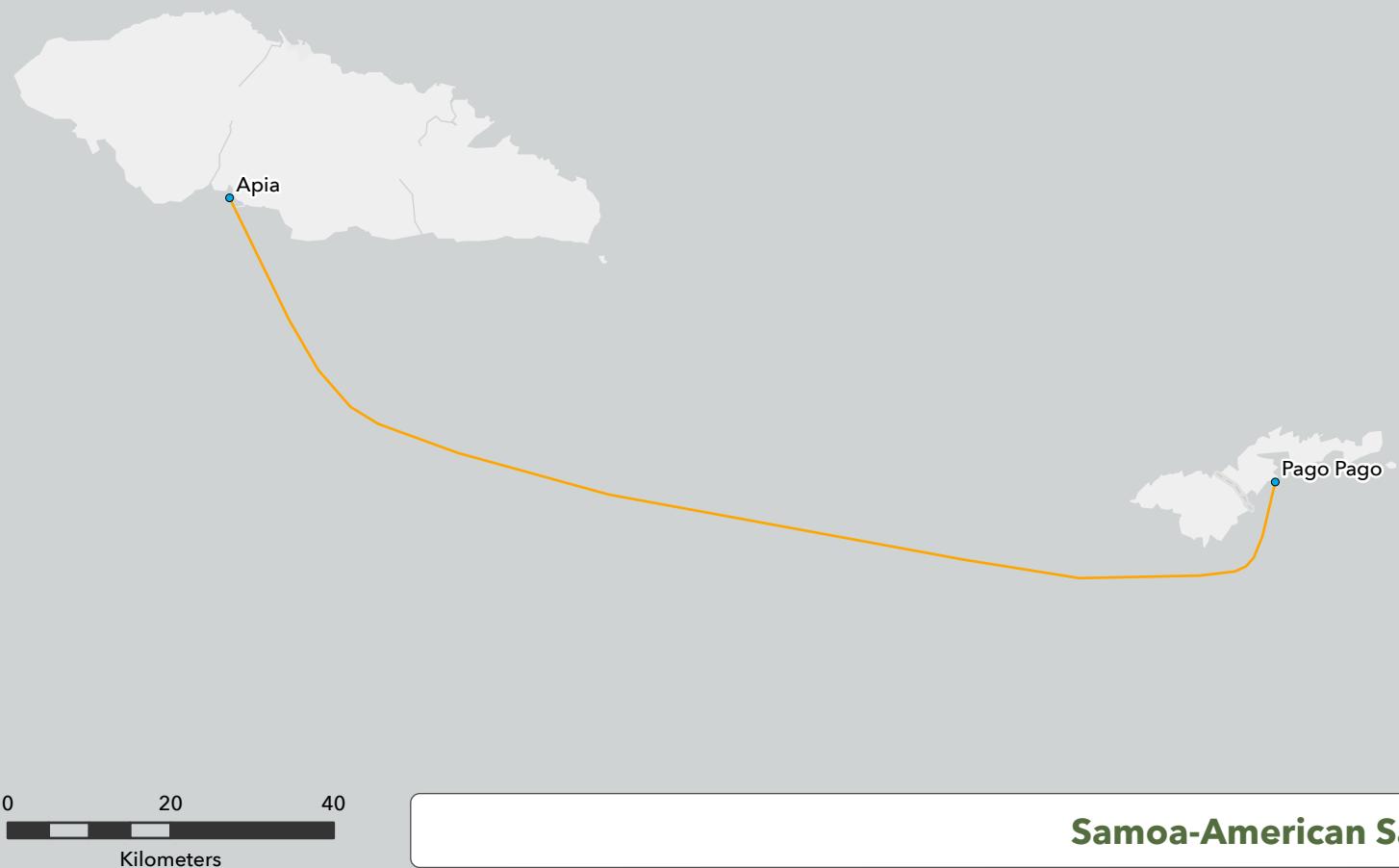


SYSTEM DETAILS

RFS Year	2010
EOS Year	2035
Est. System Cost (USD)	\$2,065,000
Length (km)	826
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Energia Integral Andina

LANDING POINTS

City	State/Province	Country
San Andres	San Andrés	Colombia
Tolu	Sucre	Colombia

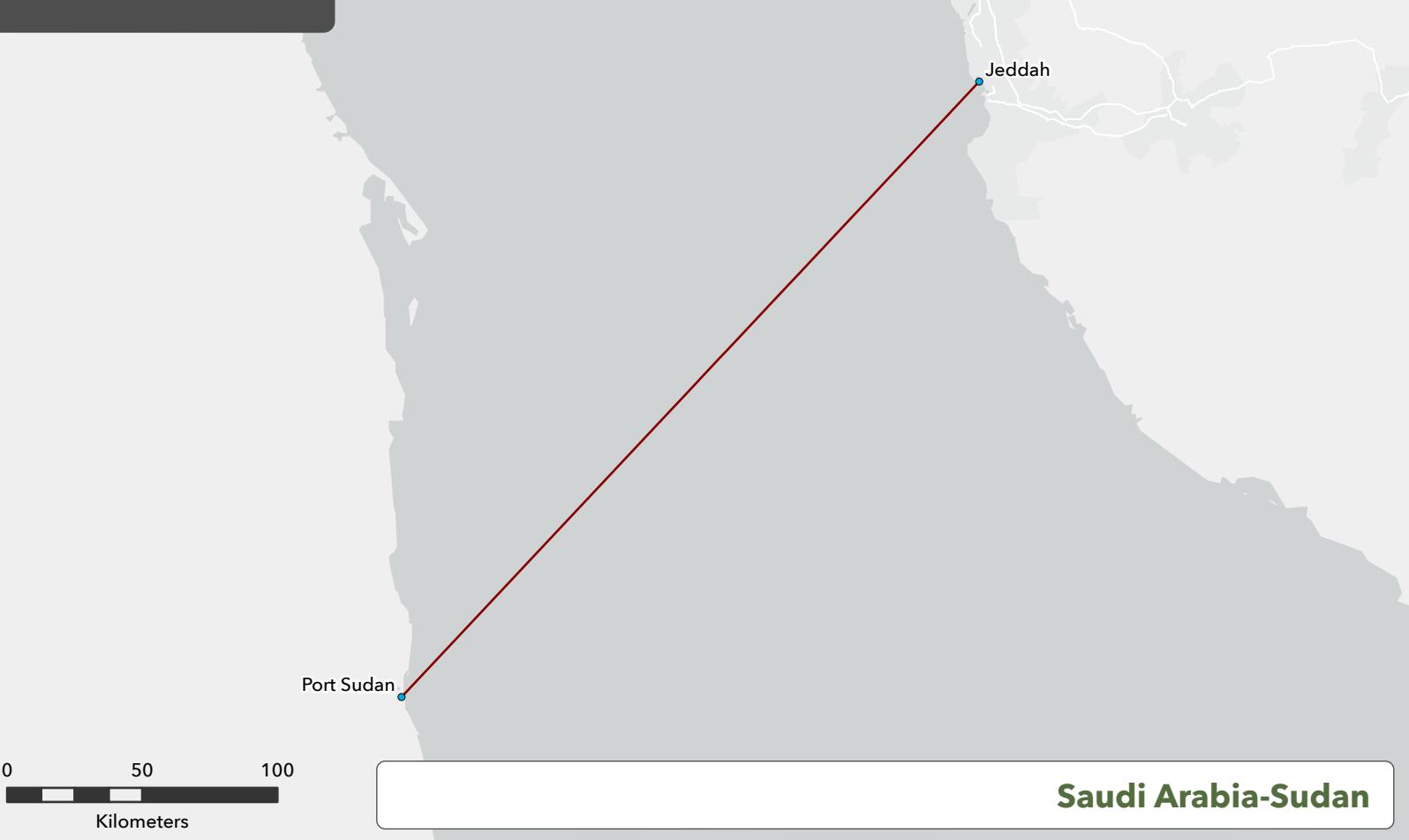


SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$6,250,000
Length (km)	250
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	American Samoa Government, eLandia International

LANDING POINTS

City	State/Province	Country
Apia	Tuamasaga	Samoa
Pago Pago	Tu'uila	American Samoa

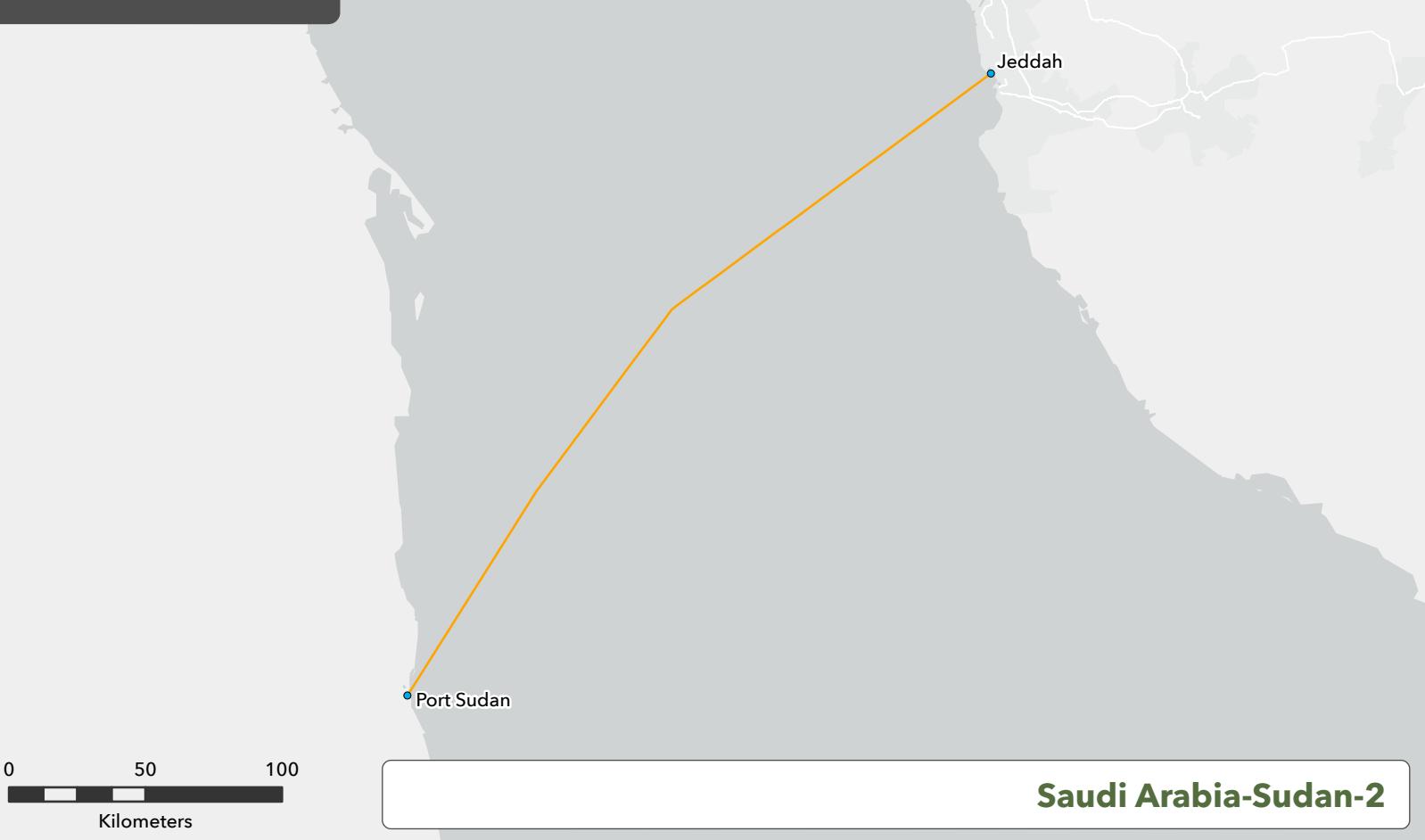


SYSTEM DETAILS

RFS Year	2003
EOS Year	2028
Est. System Cost (USD)	\$20,000,000
Length (km)	333
Design Capacity (Tbps)	1.28
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Saudi Telecom Company

LANDING POINTS

City	State/Province	Country
Jeddah	Mecca	Saudi Arabia
Port Sudan	Red Sea State	Sudan

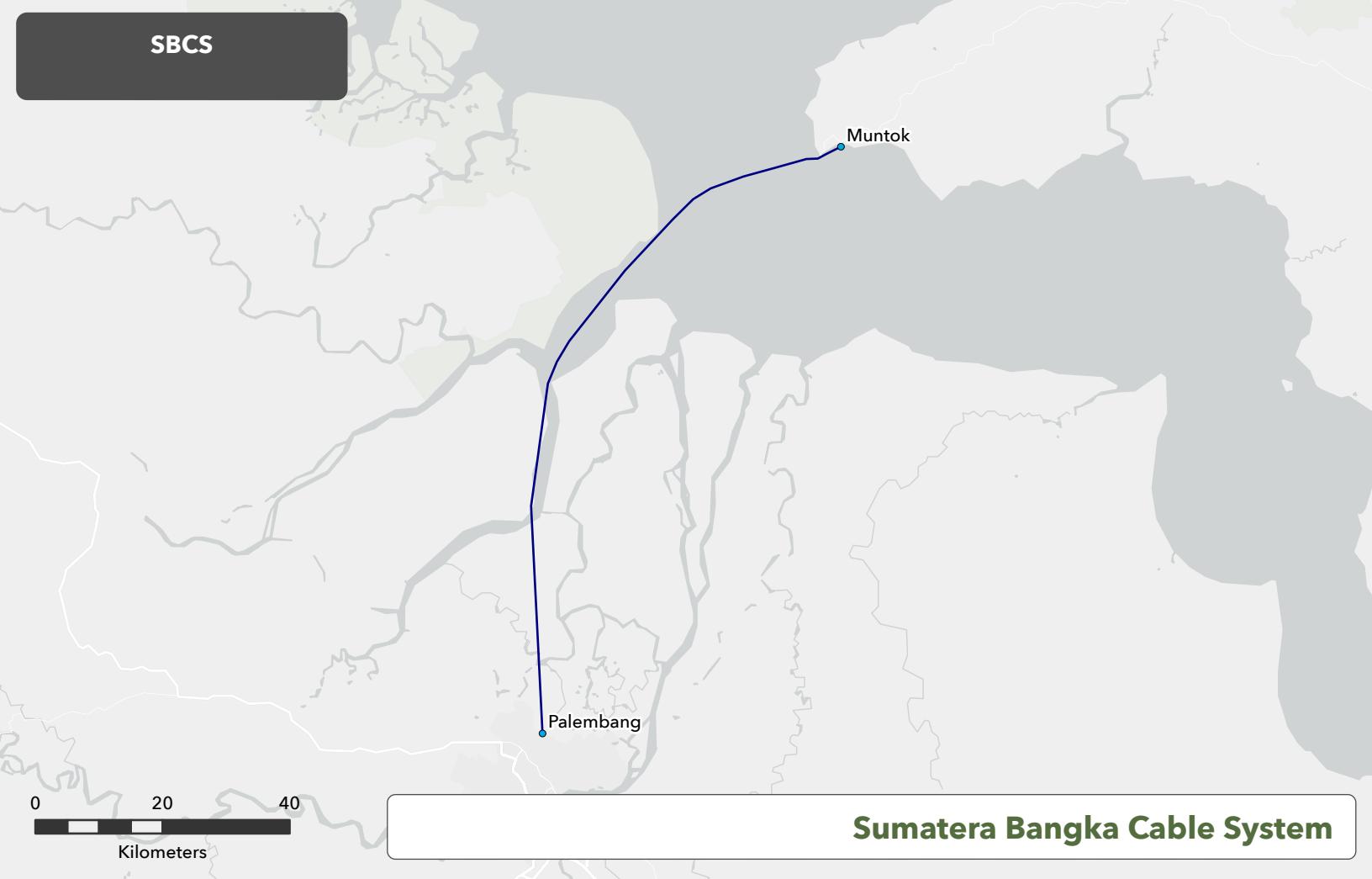


SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$8,250,000
Length (km)	330
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Saudi Telecom Company, Sudan Telecom Company

LANDING POINTS

City	State/Province	Country
Jeddah	Mecca	Saudi Arabia
Port Sudan	Red Sea State	Sudan



SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$1,425,000
Length (km)	57
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telkom Indonesia

LANDING POINTS

City	State/Province	Country
Muntok	Bangka Belitung Islands	Indonesia
Palembang	South Sumatra	Indonesia

**SYSTEM DETAILS**

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$33,700,000
Length (km)	4,300
Design Capacity (Tbps)	1.92
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	PT. Fangbian Iskan Corporindo, Telemedia Pacific Inc.

LANDING POINTS

City	State/Province	Country
	Hong Kong	China
Jakarta	Jakarta	Indonesia



Scotland-Northern Ireland 1

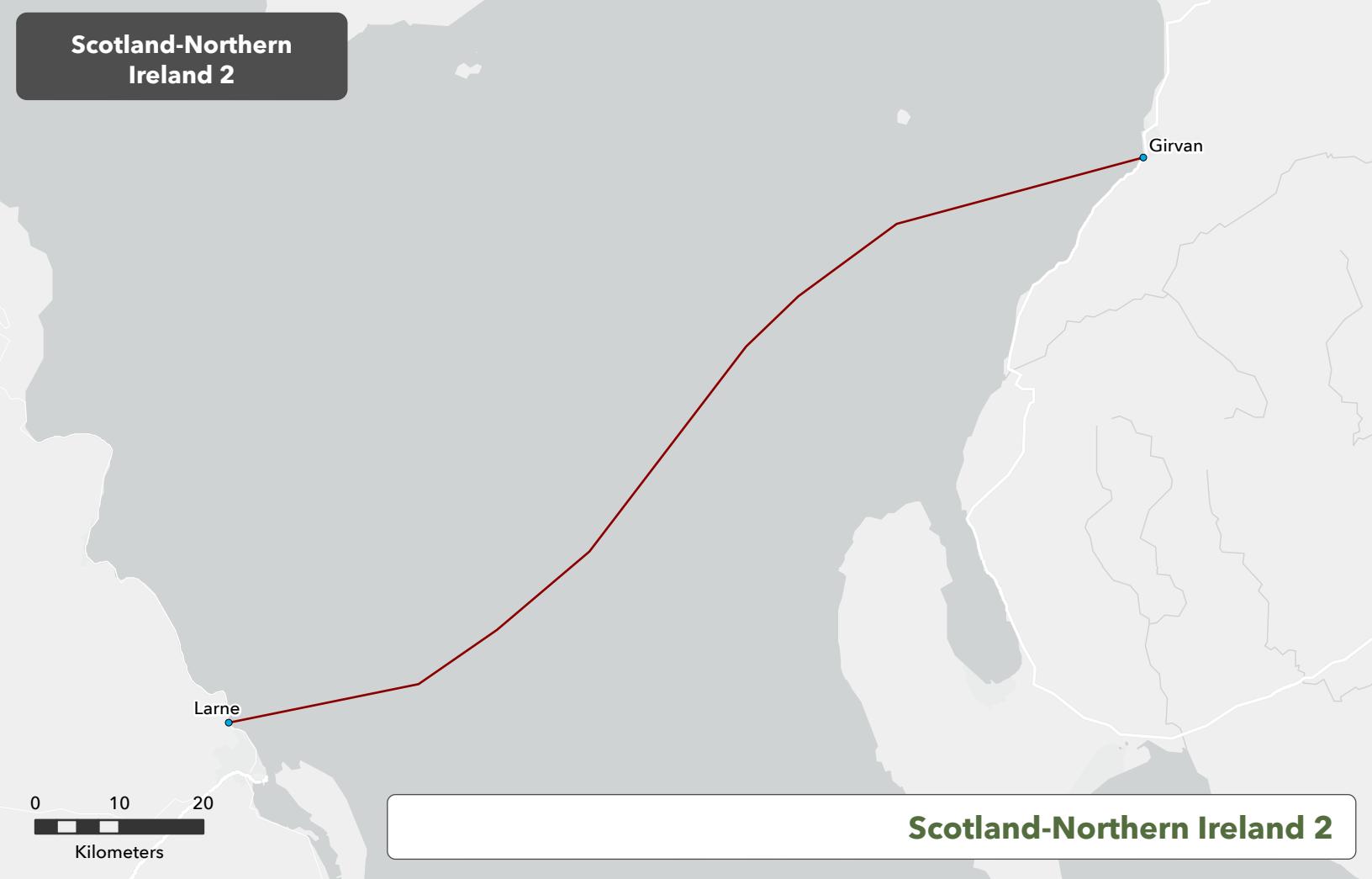
SYSTEM DETAILS

RFS Year	1989
EOS Year	2014
Est. System Cost (USD)	\$2,800,000
Length (km)	35
Design Capacity (Tbps)	0.00336
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BT, Eircom

LANDING POINTS

City	State/Province	Country
Donaghadee	Northern Ireland	United Kingdom
Portpatrick	Scotland	United Kingdom

Scotland-Northern Ireland 2



SYSTEM DETAILS

RFS Year	1993
EOS Year	2018
Est. System Cost (USD)	\$5,466,000
Length (km)	83
Design Capacity (Tbps)	0.000565
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BT

LANDING POINTS

City	State/Province	Country
Girvan	Scotland	United Kingdom
Larne	Northern Ireland	United Kingdom

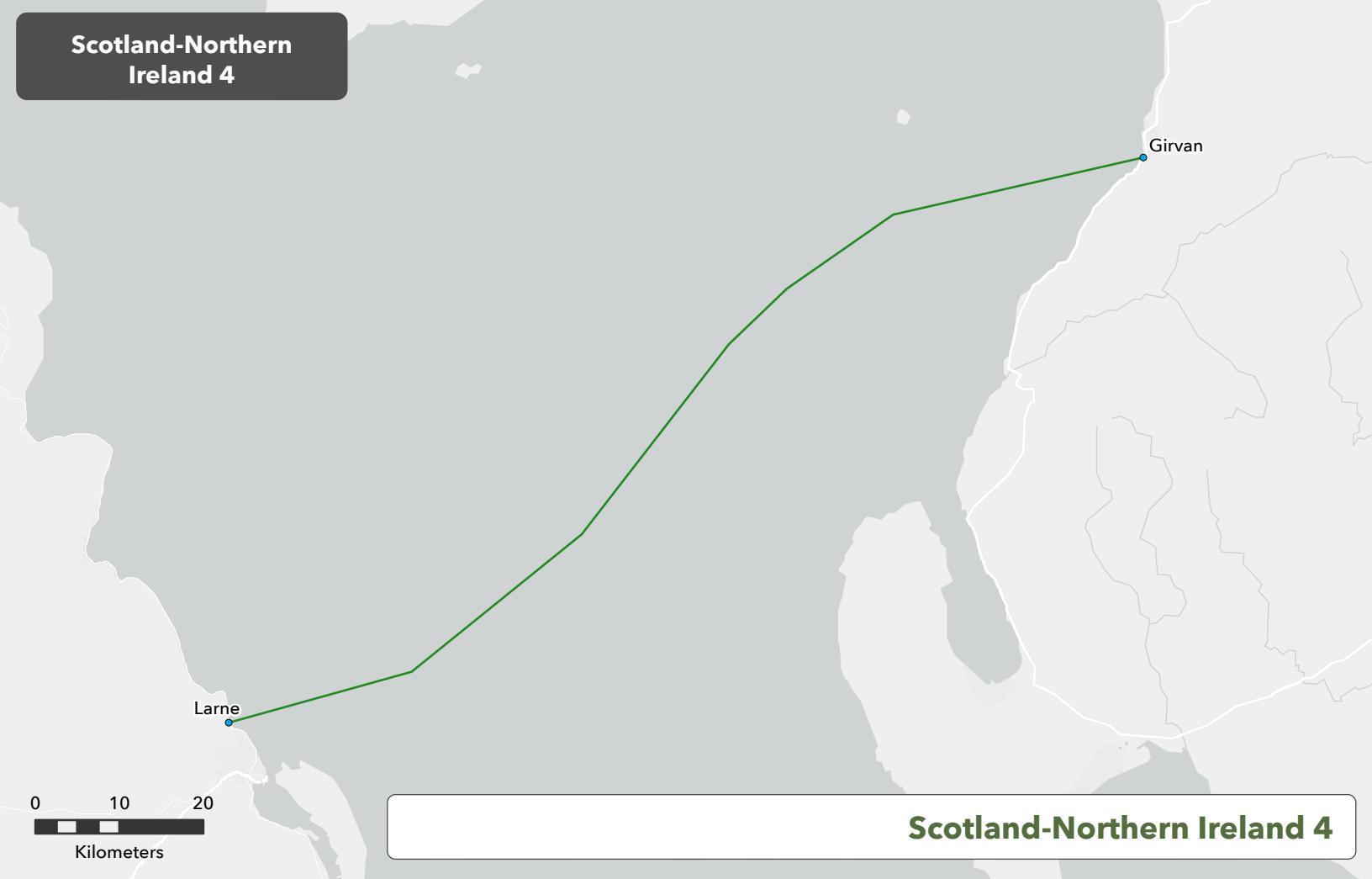


SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$1,050,000
Length (km)	42
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Global Marine Systems Limited
Owner(s)	BT

LANDING POINTS

City	State/Province	Country
Donaghadee	Northern Ireland	United Kingdom
Portpatrick	Scotland	United Kingdom



SYSTEM DETAILS

RFS Year	2022
EOS Year	2047
Est. System Cost (USD)	\$2,125,000
Length (km)	85
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Global Marine Systems Limited
Owner(s)	BT

LANDING POINTS

City	State/Province	Country
Girvan	Scotland	United Kingdom
Larne	Northern Ireland	United Kingdom

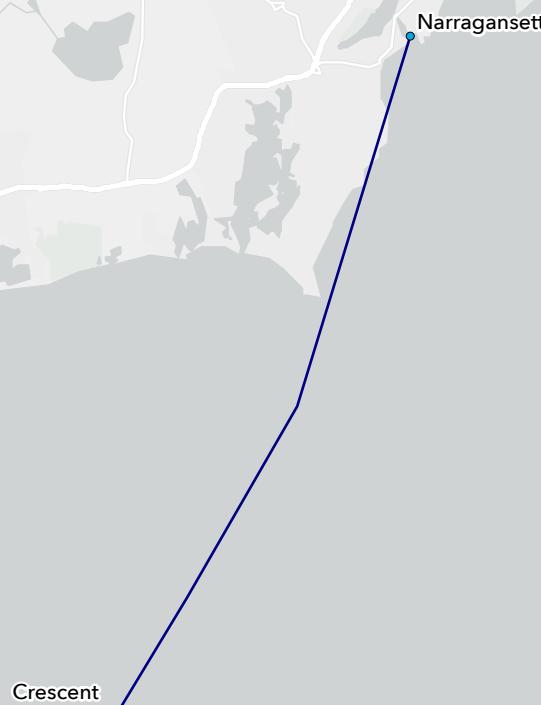


SYSTEM DETAILS

RFS Year	2013
EOS Year	2038
Est. System Cost (USD)	\$12,000,000
Length (km)	400
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BT

LANDING POINTS

City	State/Province	Country
Orkney	Scotland	United Kingdom
	Scotland	United Kingdom
Shetland	Scotland	United Kingdom



0 8 16
Kilometers

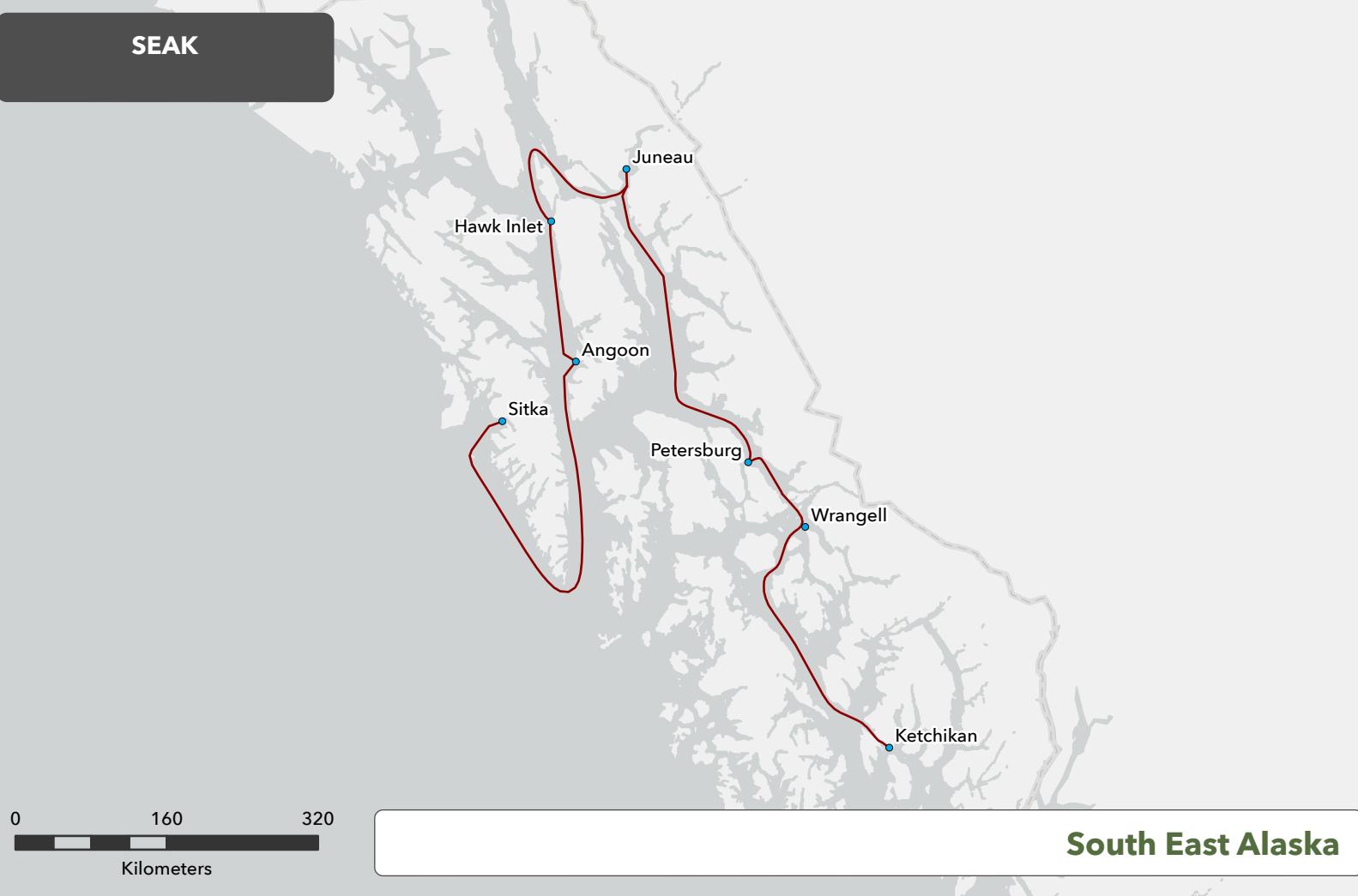
Sea2Shore

SYSTEM DETAILS

RFS Year	2016
EOS Year	2041
Est. System Cost (USD)	\$800,000
Length (km)	32
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	National Grid

LANDING POINTS

City	State/Province	Country
Crescent Beach	Rhode Island	United States
Narragansett	Rhode Island	United States



SYSTEM DETAILS

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$15,650,000
Length (km)	626
Design Capacity (Tbps)	0.01
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GCI

LANDING POINTS

City	State/Province	Country
Angoon	Alaska	United States
Hawk Inlet	Alaska	United States
Juneau	Alaska	United States
Ketchikan	Alaska	United States
Petersburg	Alaska	United States
Sitka	Alaska	United States
Wrangell	Alaska	United States

Segunda FOS Canal de Chacao



Segunda FOS Canal de Chacao

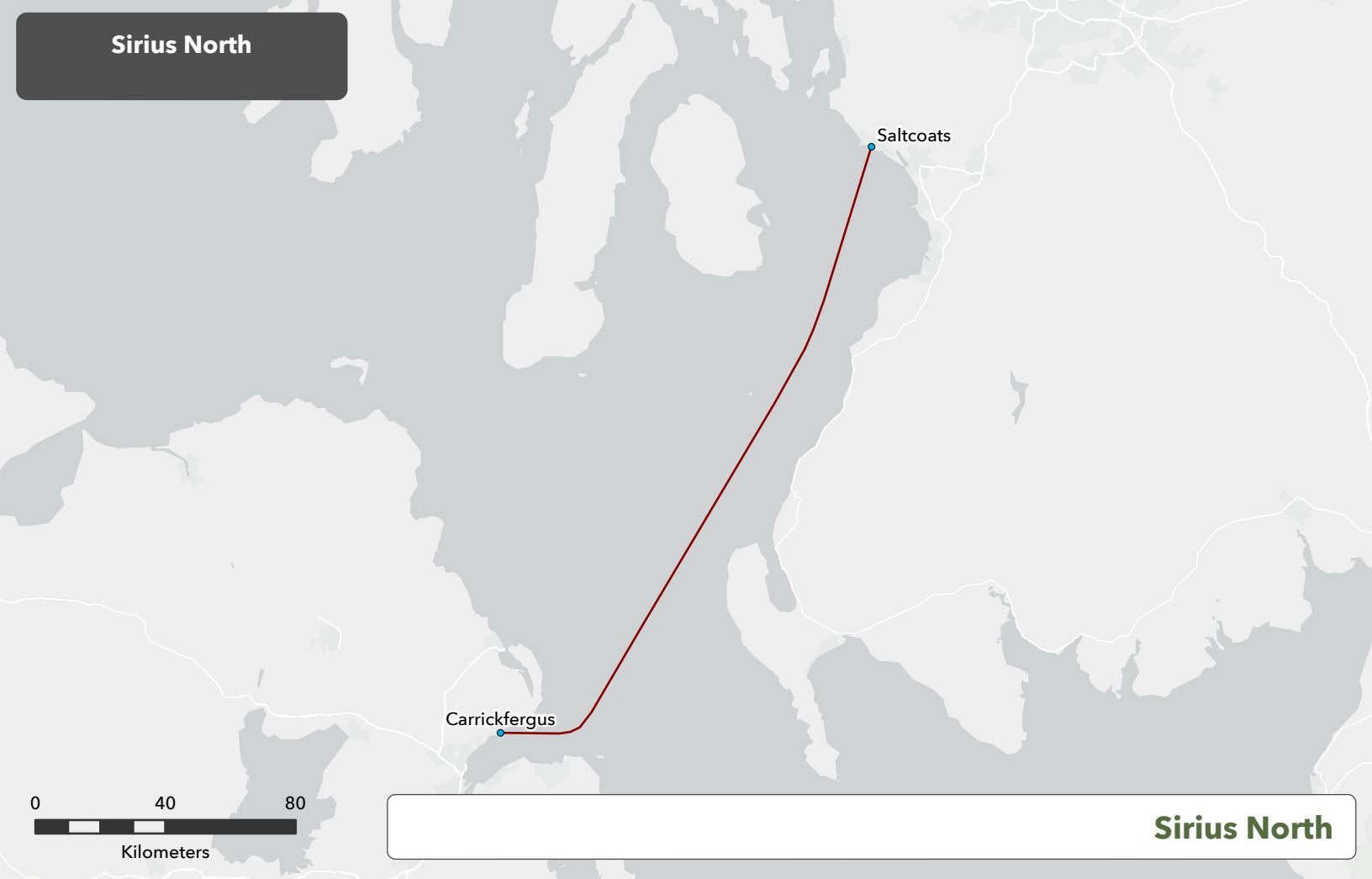
SYSTEM DETAILS

RFS Year	2015
EOS Year	2040
Est. System Cost (USD)	\$1,000,000
Length (km)	40
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	GTD Teleductos S.A.

LANDING POINTS

City	State/Province	Country
Linao	Los Lagos	Chile
Punta Meimén	Los Lagos	Chile

Sirius North



Sirius North

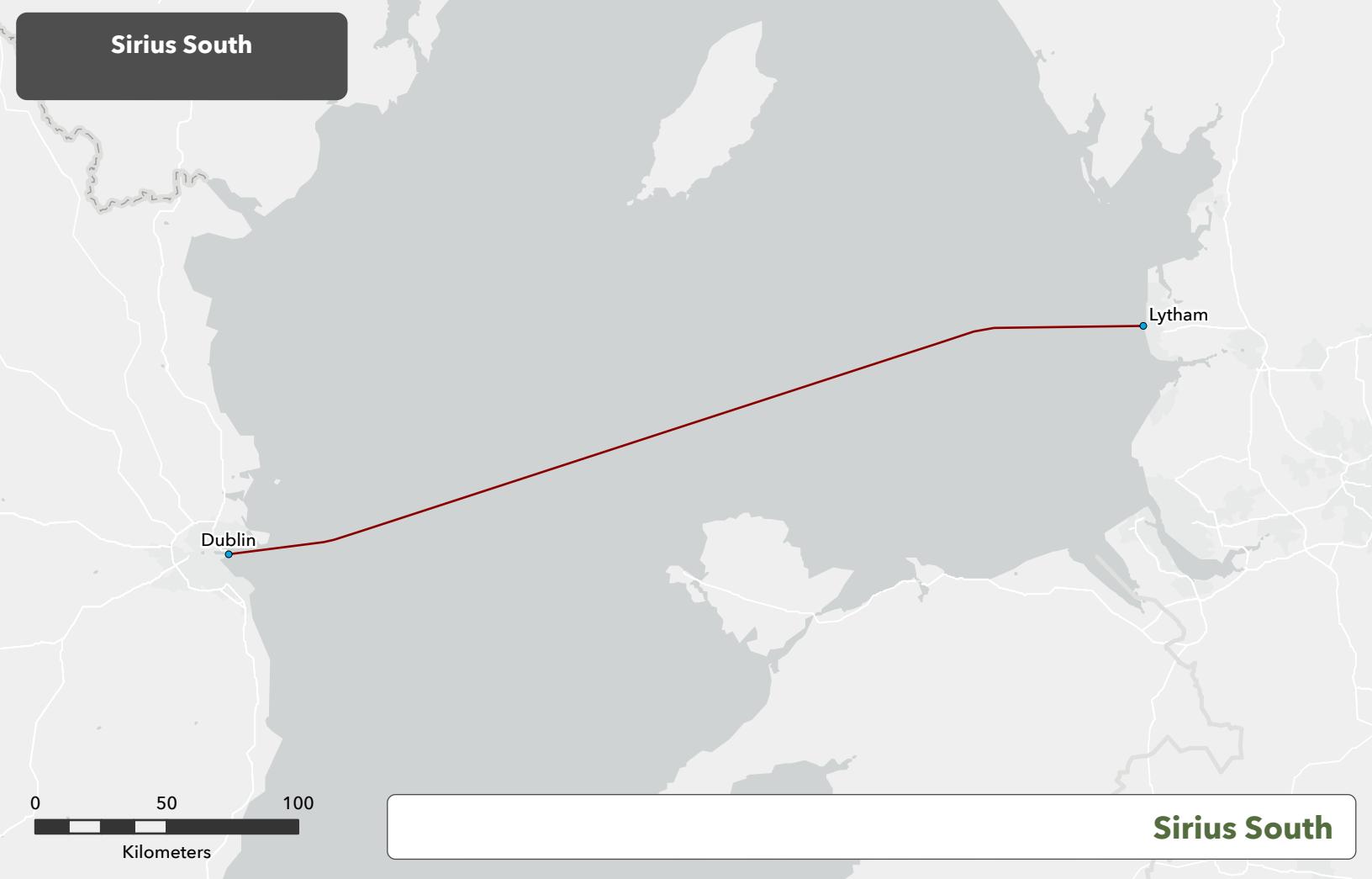
SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$10,000,000
Length (km)	Not Available
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Carrickfergus	Northern Ireland	United Kingdom
Saltcoats	Scotland	United Kingdom

Sirius South



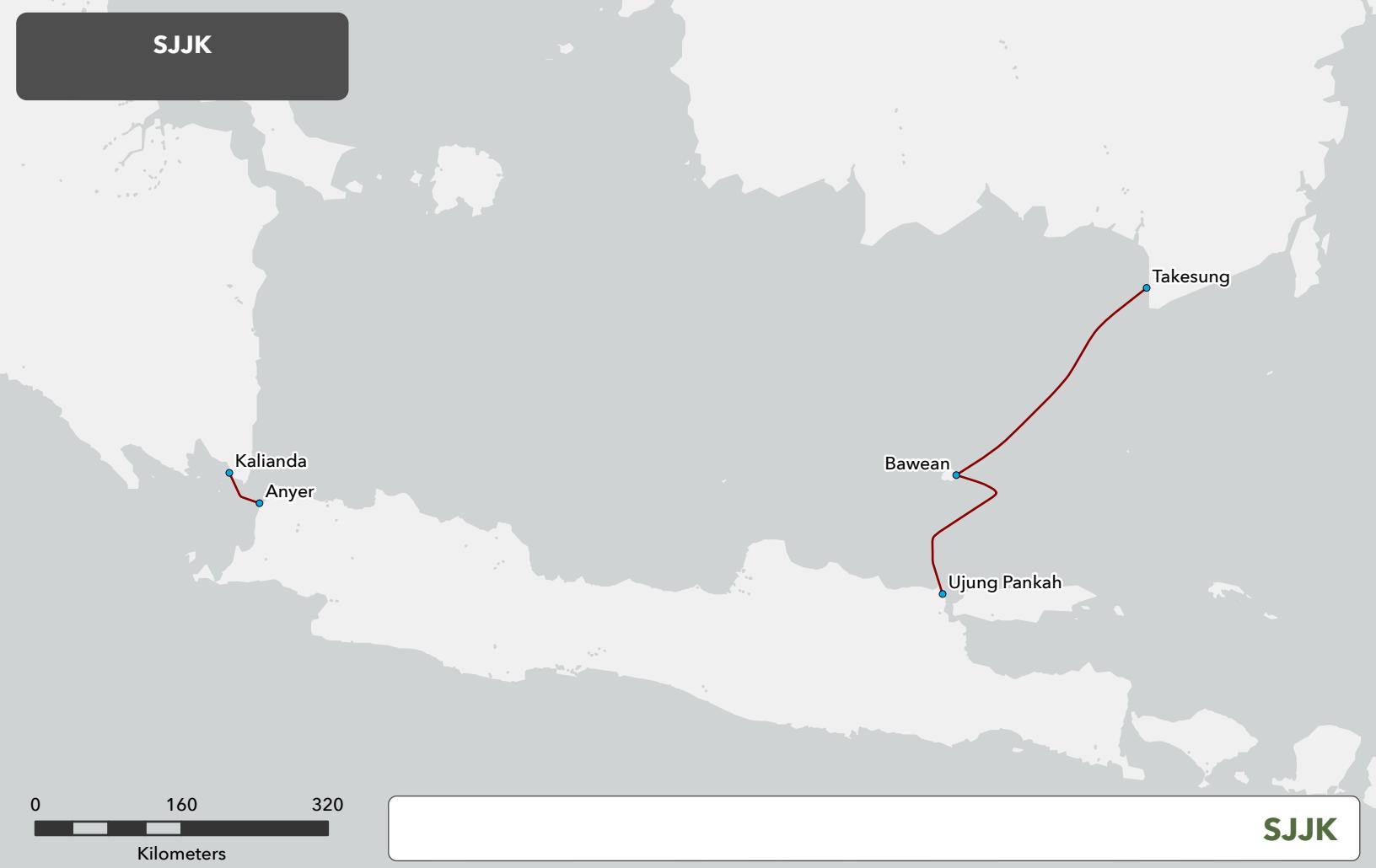
Sirius South

SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$10,000,000
Length (km)	Not Available
Design Capacity (Tbps)	0.48
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Virgin Media Business

LANDING POINTS

City	State/Province	Country
Dublin	Ireland	Ireland
Lytham	England	United Kingdom

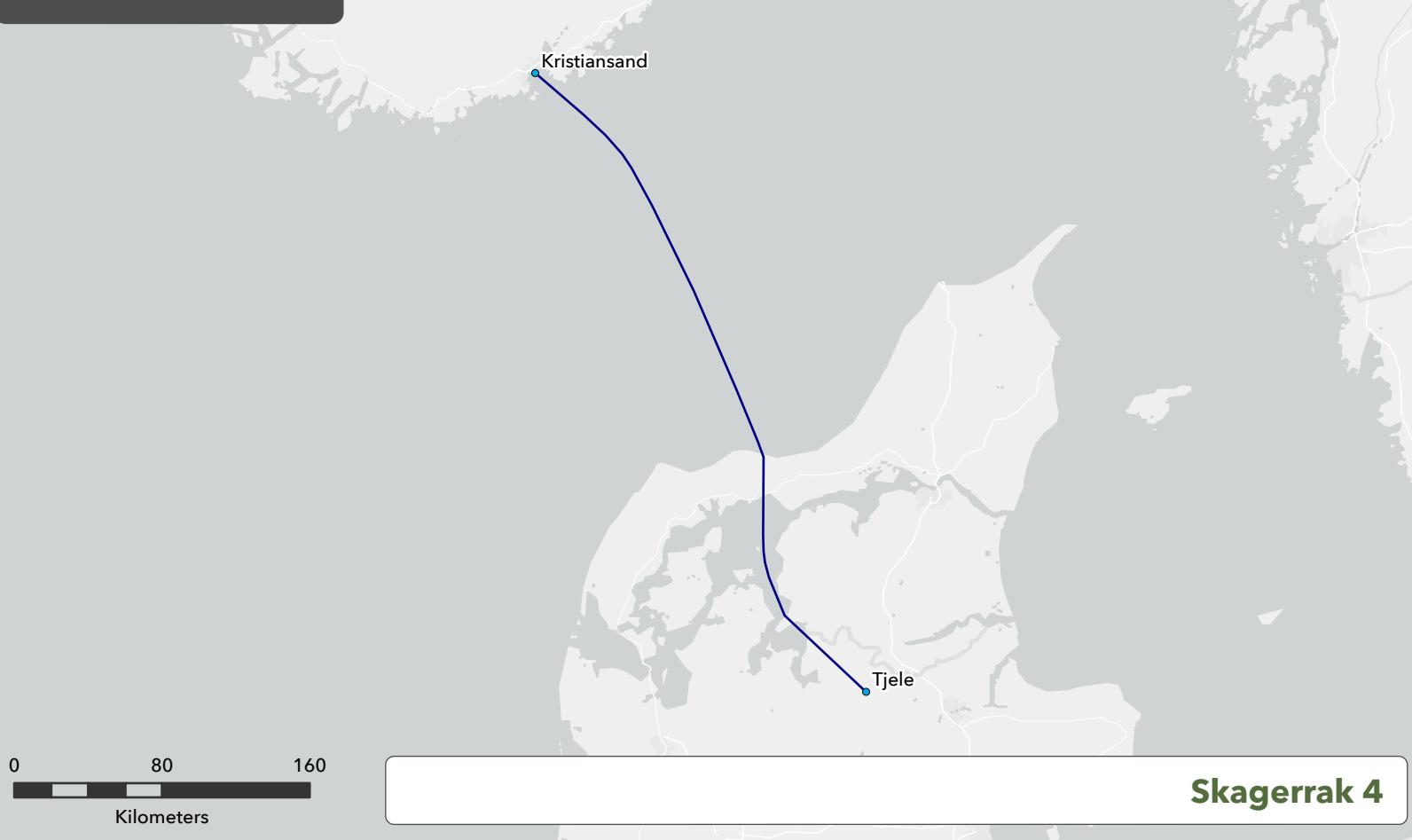
**SYSTEM DETAILS**

RFS Year	2008
EOS Year	2033
Est. System Cost (USD)	\$13,575,000
Length (km)	543
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	XL Axiata

LANDING POINTS

City	State/Province	Country
Ayer	Banten	Indonesia
Bawean	East Java	Indonesia
Kalianda	Lampung	Indonesia
Takesung	South Kalimantan	Indonesia
Ujung Pankah	East Java	Indonesia

Skagerrak 4



Skagerrak 4

SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$3,425,000
Length (km)	137
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Statnett

LANDING POINTS

City	State/Province	Country
Kristiansand	Agder	Norway
Tjele	Nordjylland	Denmark



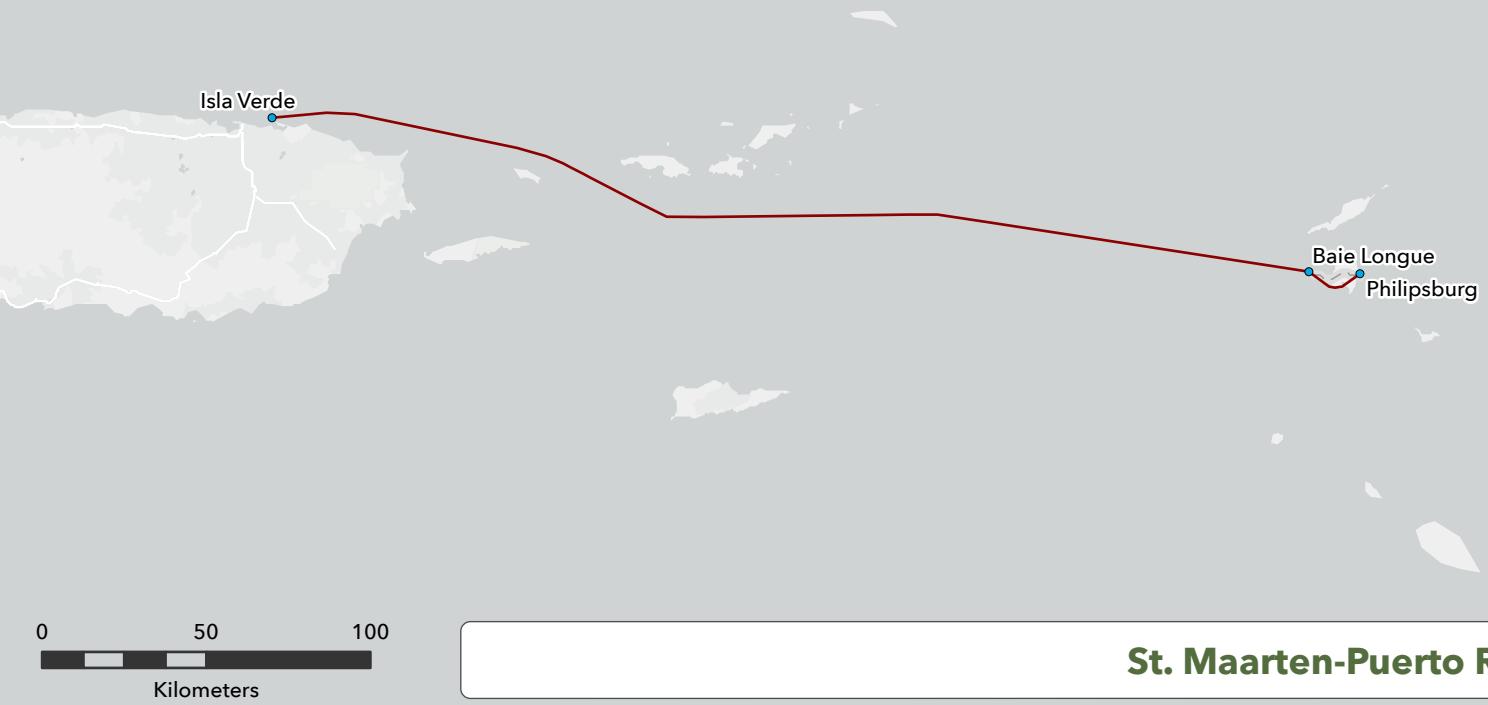
SYSTEM DETAILS

RFS Year	2021
EOS Year	2046
Est. System Cost (USD)	\$3,875,000
Length (km)	152
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

System Installer	DNeX Telco
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Labuan Bajo	Flores	Indonesia
Raba	Sumbawa	Indonesia



SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$15,000,000
Length (km)	382
Design Capacity (Tbps)	0.0025
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Not Available

LANDING POINTS

City	State/Province	Country
Baie Longue		St. Martin
Isla Verde		Puerto Rico
Philipsburg		St. Martin



SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$6,000,000
Length (km)	140
Design Capacity (Tbps)	0.005
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

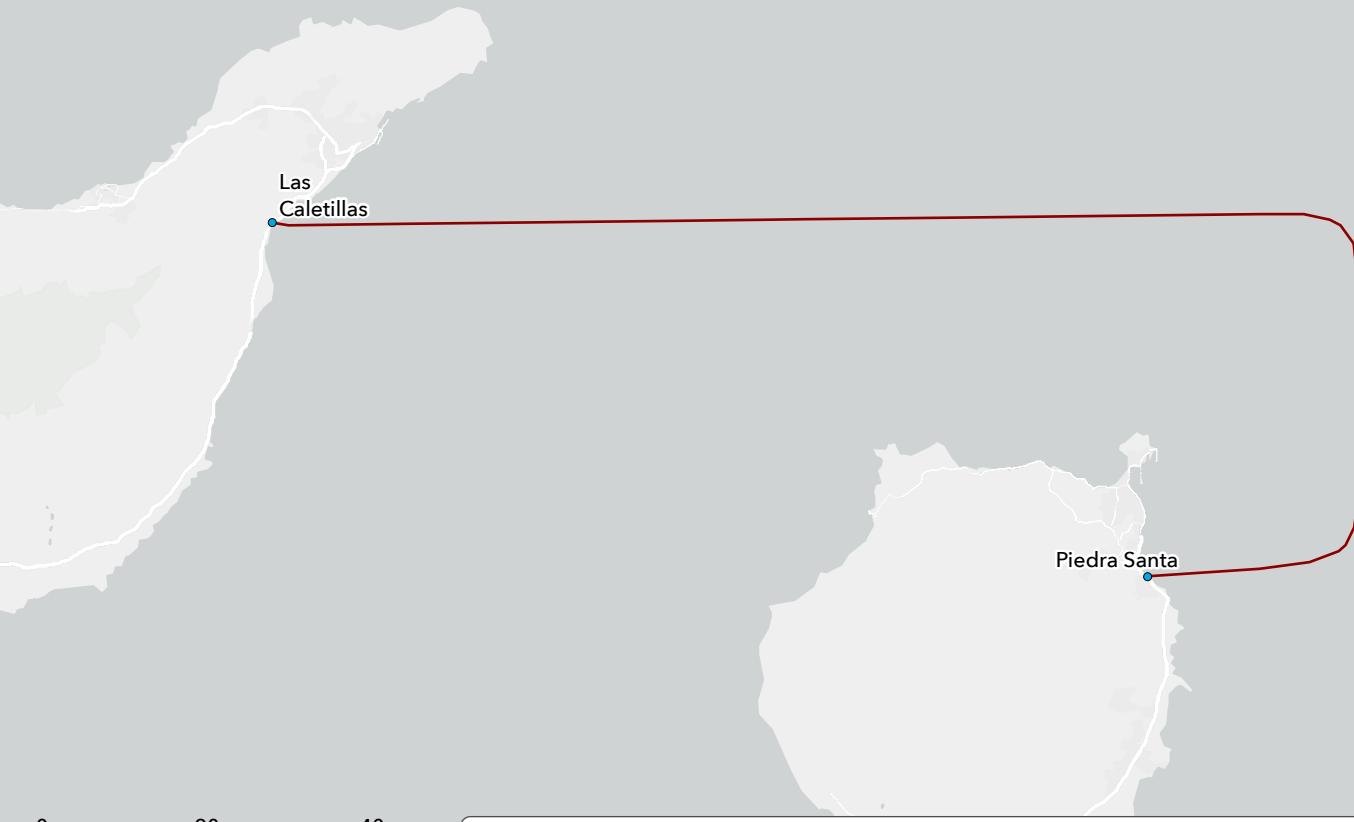
System Installer Global Marine Systems Limited

Owner(s) Eircom

LANDING POINTS

City	State/Province	Country
Kilmore Quay	Ireland	Ireland
Oxwich Bay	England	United Kingdom

Subcan Link 1



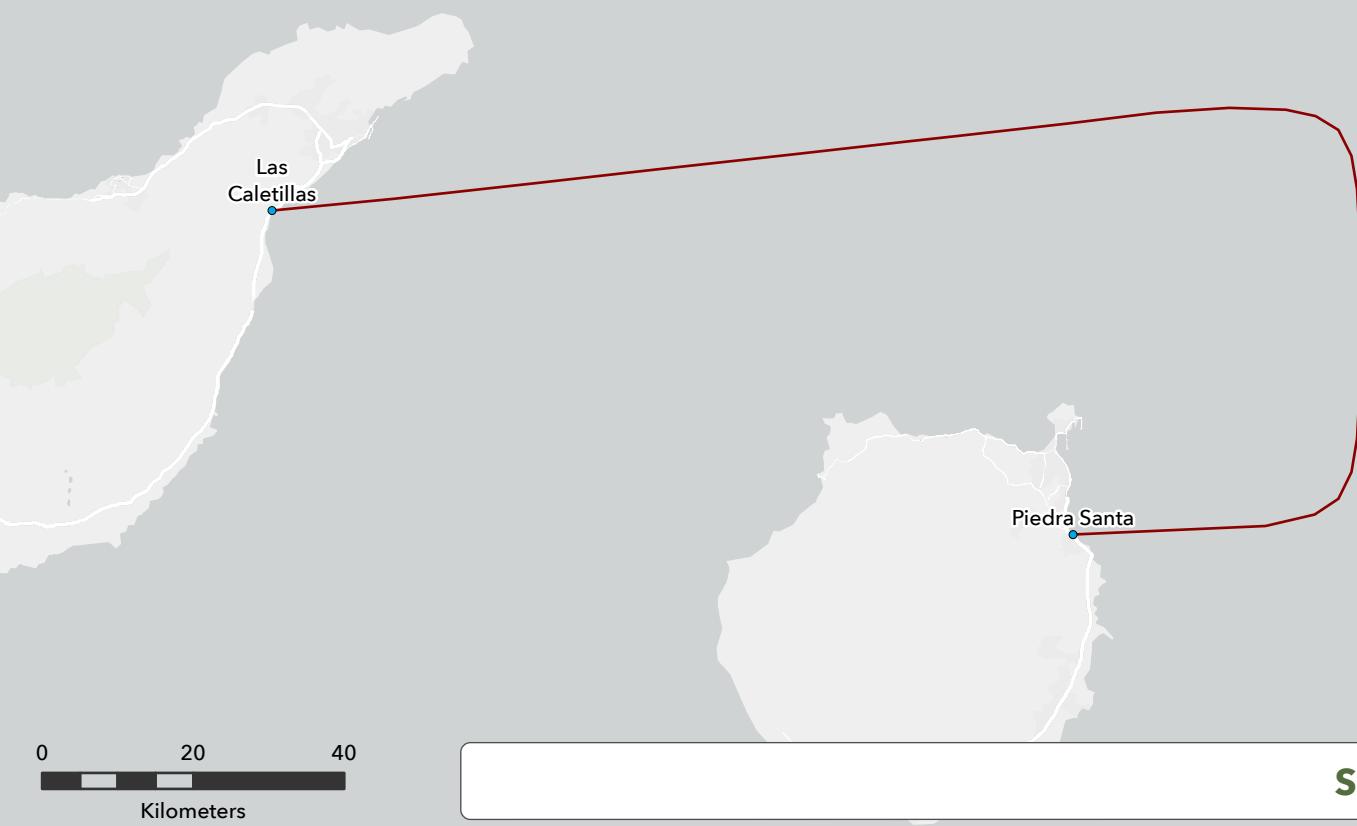
Subcan Link 1

SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$3,575,000
Length (km)	143
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Cable Submarine de Canarias

LANDING POINTS

City	State/Province	Country
Las Caletillas	Canary Islands	Spain
Las Palmas	Grand Canary Island	Spain



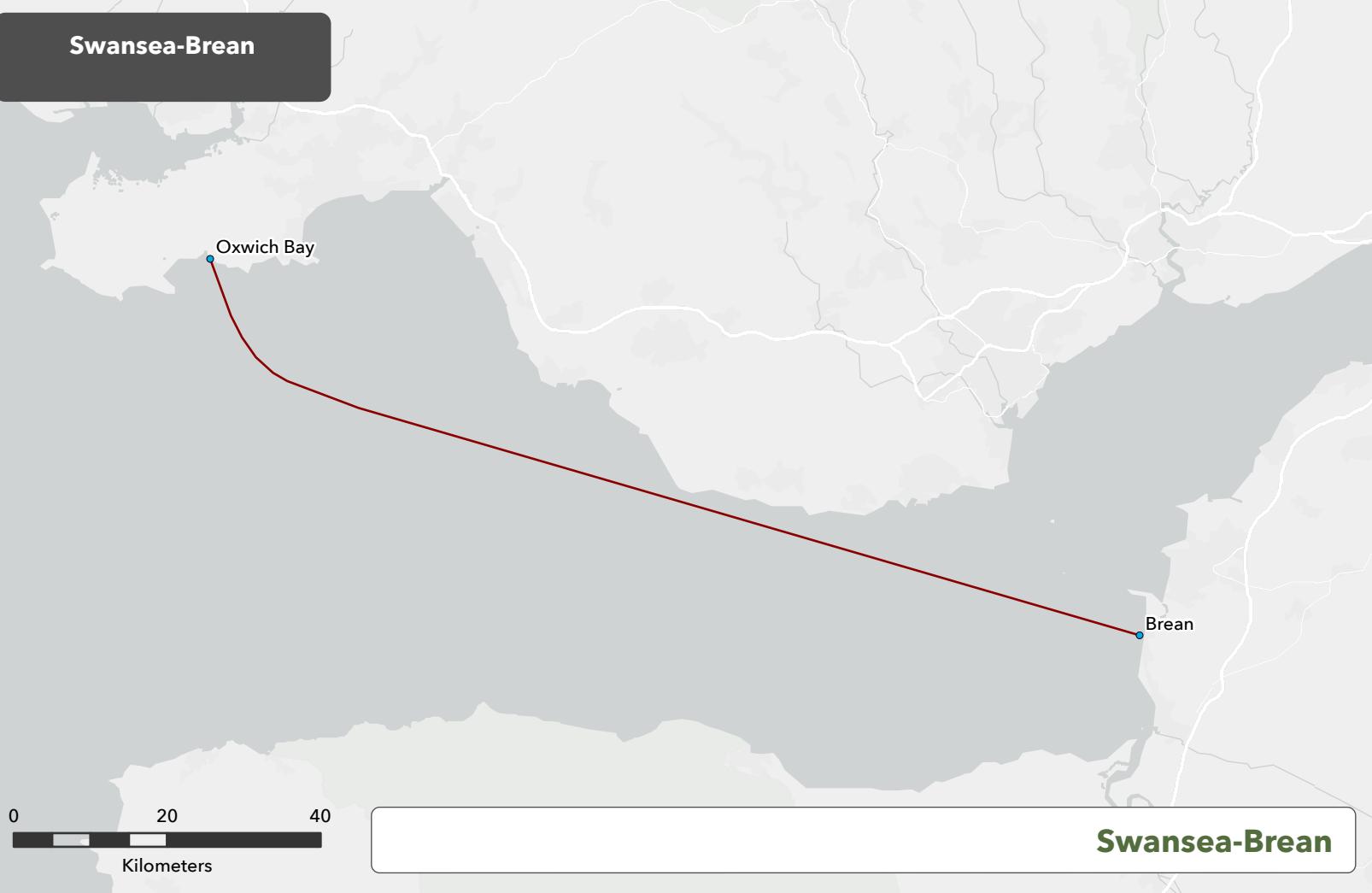
Subcan Link 2

SYSTEM DETAILS

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$3,400,000
Length (km)	136
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Cable Submarine de Canarias

LANDING POINTS

City	State/Province	Country
Las Caletillas	Canary Islands	Spain
Las Palmas	Grand Canary Island	Spain

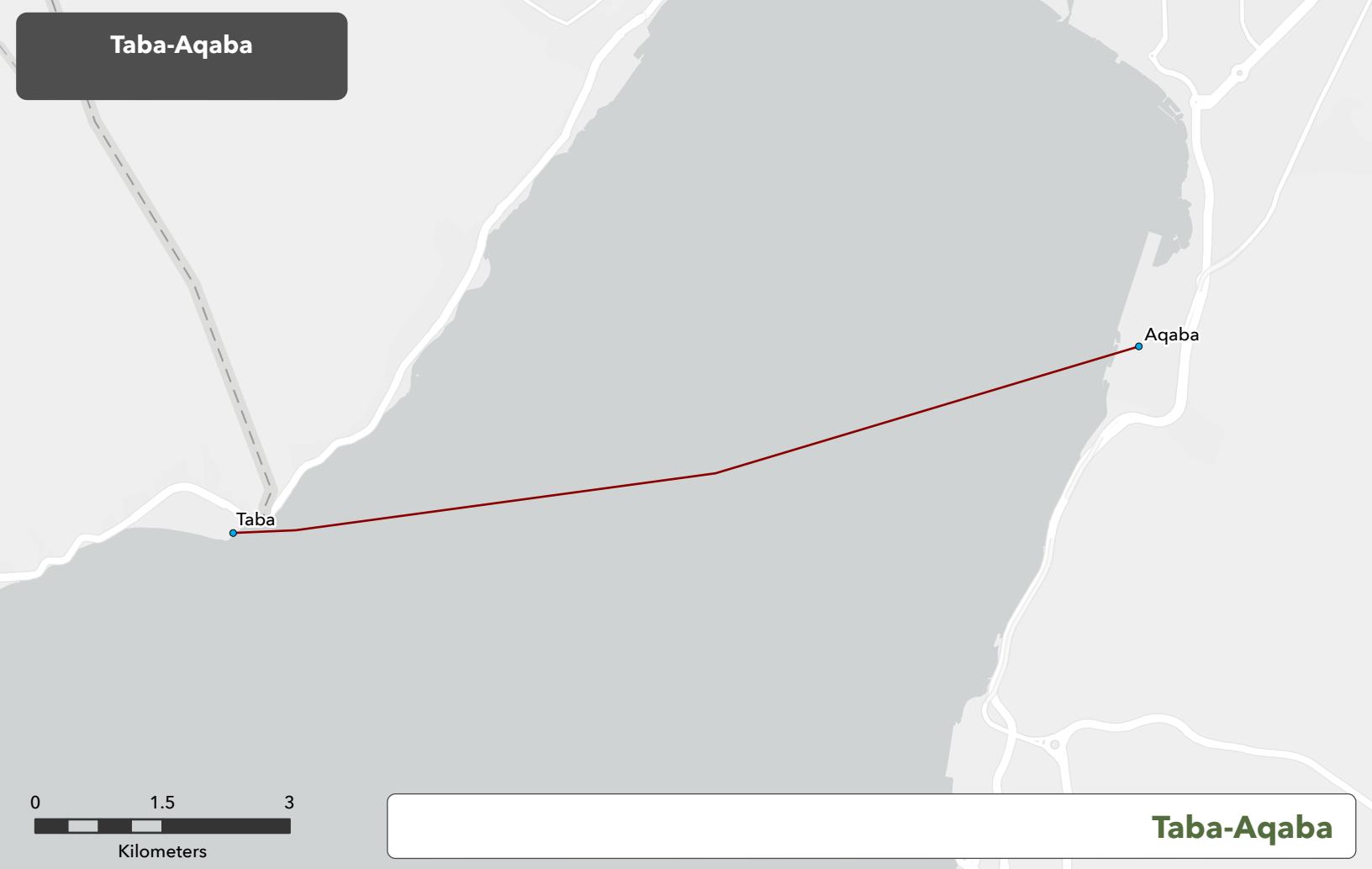


SYSTEM DETAILS

RFS Year	1993
EOS Year	2018
Est. System Cost (USD)	\$2,425,000
Length (km)	97
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Vodafone

LANDING POINTS

City	State/Province	Country
Brean	England	United Kingdom
Oxwich Bay	England	United Kingdom



Taba-Aqaba

SYSTEM DETAILS

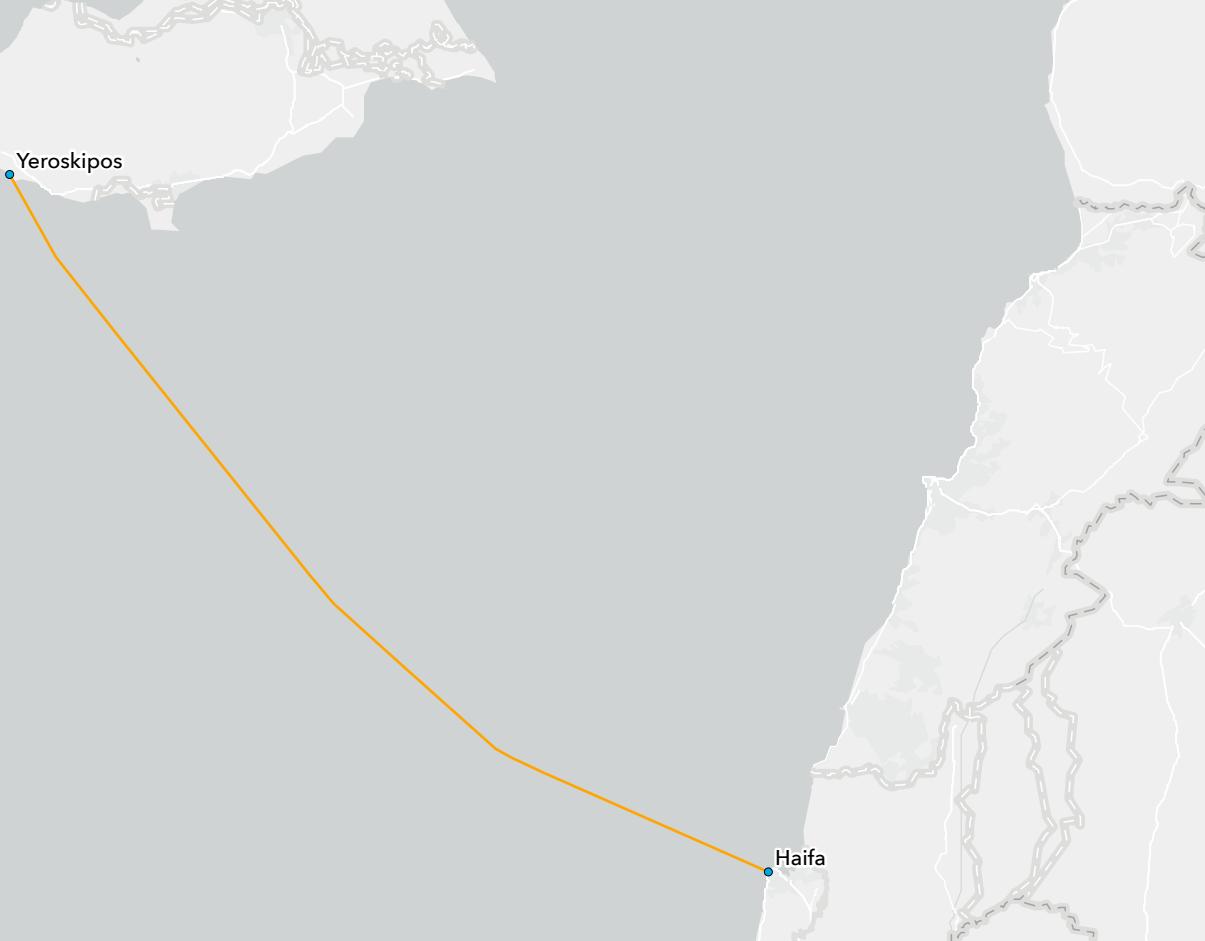
RFS Year	1998
EOS Year	2023
Est. System Cost (USD)	\$325,000
Length (km)	13
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available

LANDING POINTS

City	State/Province	Country
Aqaba	Aqaba	Jordan
Taba	South Sinai Governorate	Egypt

System Installer	Not Available
Owner(s)	National Electric Power Company of Jordan

Tamares North



Tamares North

SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$8,625,000
Length (km)	345
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Tamares UK Group

LANDING POINTS

City	State/Province	Country
Haifa	Haifa	Israel
Yeroskipos	Paphos	Cyprus

Tanjung Pandan-Sungai Kakap Cable



Tanjung Pandan-Sungai Kakap Cable

SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$8,700,000
Length (km)	348
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Moratelindo

LANDING POINTS

City	State/Province	Country
Sungai Kakap	West Kalimantan	Indonesia
Tanjung Pandan	Bangka Belitung Islands	Indonesia

TEGOPA



SYSTEM DETAILS

RFS Year	1995
EOS Year	2025
Est. System Cost (USD)	\$5,550,000
Length (km)	222
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telefonica

LANDING POINTS

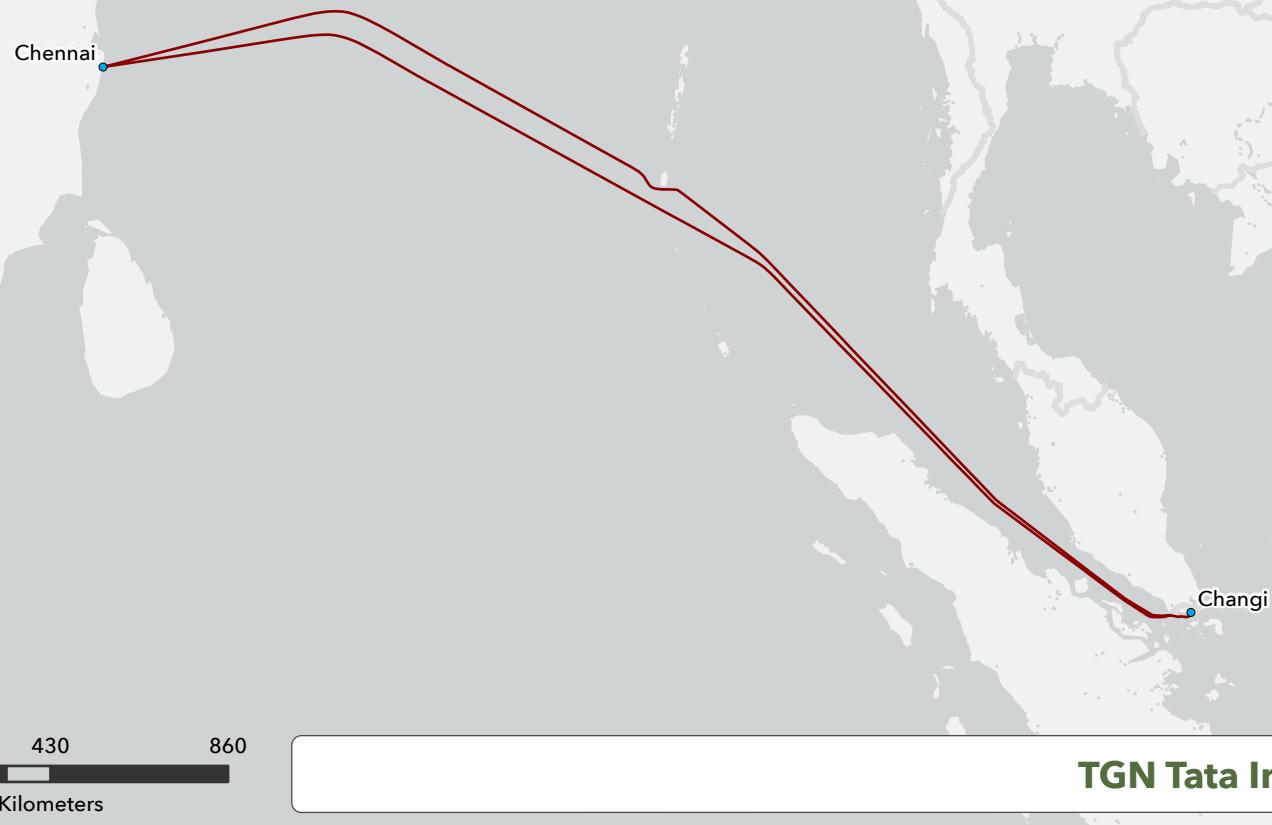
City	State/Province	Country
Granadilla	Cáceres	Spain
San Sebastian de la Gomera	Canary Islands	Spain
Santa Cruz de La Palma	Canary Islands	Spain

**SYSTEM DETAILS**

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$2,750,000
Length (km)	110
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telefonica

LANDING POINTS

City	State/Province	Country
El Medano	Canary Islands	Spain
Sardina	Canary Islands	Spain

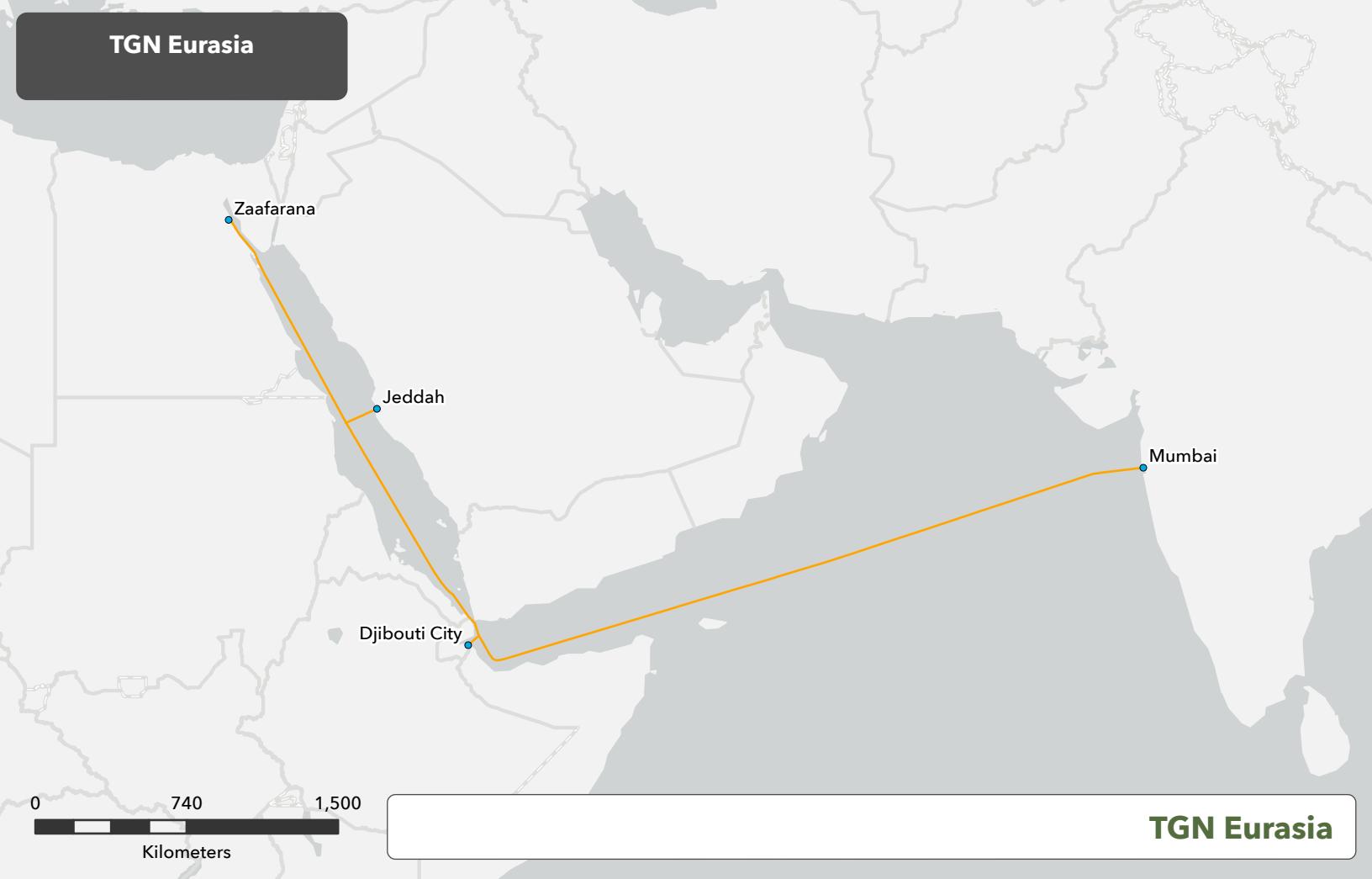


SYSTEM DETAILS

RFS Year	2005
EOS Year	2030
Est. System Cost (USD)	\$90,000,000
Length (km)	3,175
Design Capacity (Tbps)	5.12
Fiber Pairs	8
Wavelengths per Fiber Pair	64
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	TATA Communications

LANDING POINTS

City	State/Province	Country
Changi	East Region	Singapore
Chennai	Tamil Nadu	India



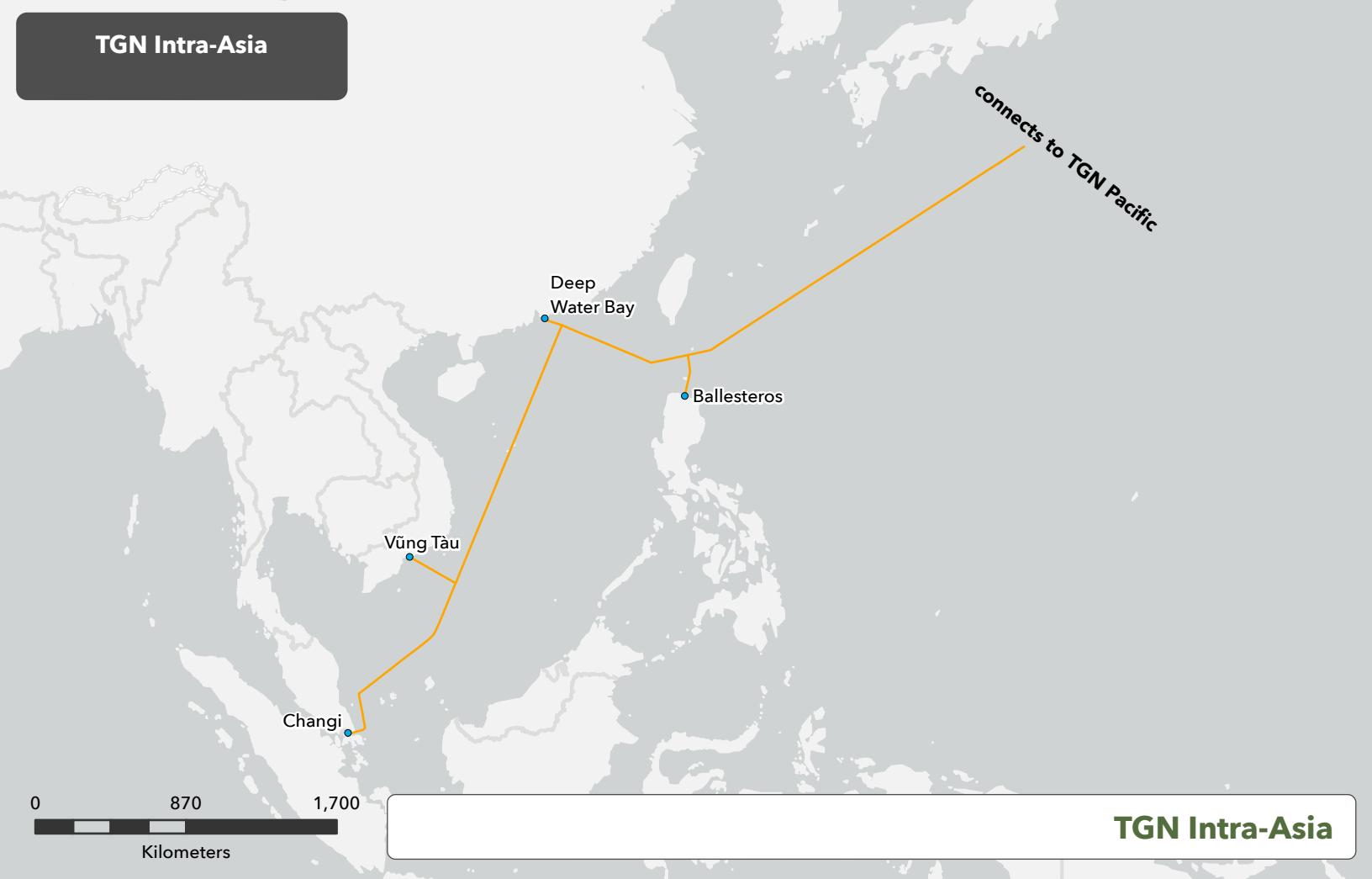
TGN Eurasia

SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$25,000,000
Length (km)	9,240
Design Capacity (Tbps)	1.28
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	TATA Communications

LANDING POINTS

City	State/Province	Country
Djibouti City	Djibouti	Djibouti
Jeddah	Mecca	Saudi Arabia
Mumbai	Maharashtra	India
Zaafarana	Red Sea Governorate	Egypt



SYSTEM DETAILS

RFS Year	2009
EOS Year	2034
Est. System Cost (USD)	\$18,000,000
Length (km)	6,485
Design Capacity (Tbps)	3.84
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	100
System Supplier	Not Available
System Installer	Orange
Owner(s)	TATA Communications

LANDING POINTS

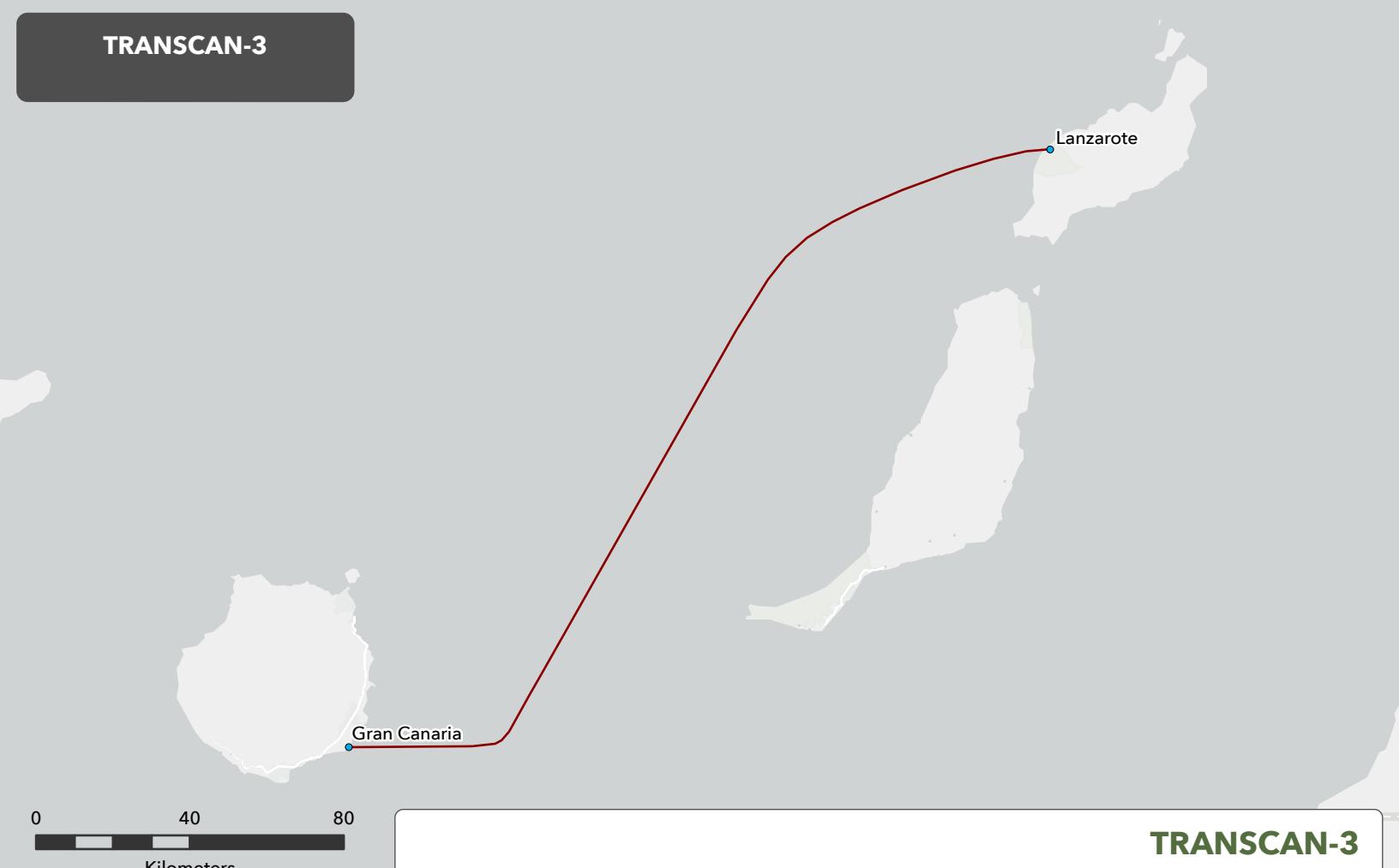
City	State/Province	Country
Ballesteros	Cagayan	Philippines
Changi	East Region	Singapore
Deep Water Bay	Hong Kong	China
Vũng Tàu	Bà Rịa-Vũng Tàu	Vietnam

**SYSTEM DETAILS**

RFS Year	2002
EOS Year	2027
Est. System Cost (USD)	\$13,775,000
Length (km)	551
Design Capacity (Tbps)	3.84
Fiber Pairs	4
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	TATA Communications

LANDING POINTS

City	State/Province	Country
De Marne	Groningen	Netherlands
Humanby	England	United Kingdom



SYSTEM DETAILS

RFS Year	1999
EOS Year	2024
Est. System Cost (USD)	\$5,250,000
Length (km)	210
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telefonica

LANDING POINTS

City	State/Province	Country
Gran Canaria	Canary Islands	Spain
Lanzarote	Canary Islands	Spain



SYSTEM DETAILS

RFS Year	1995
EOS Year	2020
Est. System Cost (USD)	\$5,225,000
Length (km)	209
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telecom Italia Sparkle, Tunisie Telecom

LANDING POINTS

City	State/Province	Country
Kélibia	Nabeul	Tunisia
Trapani	Sicily	Italy

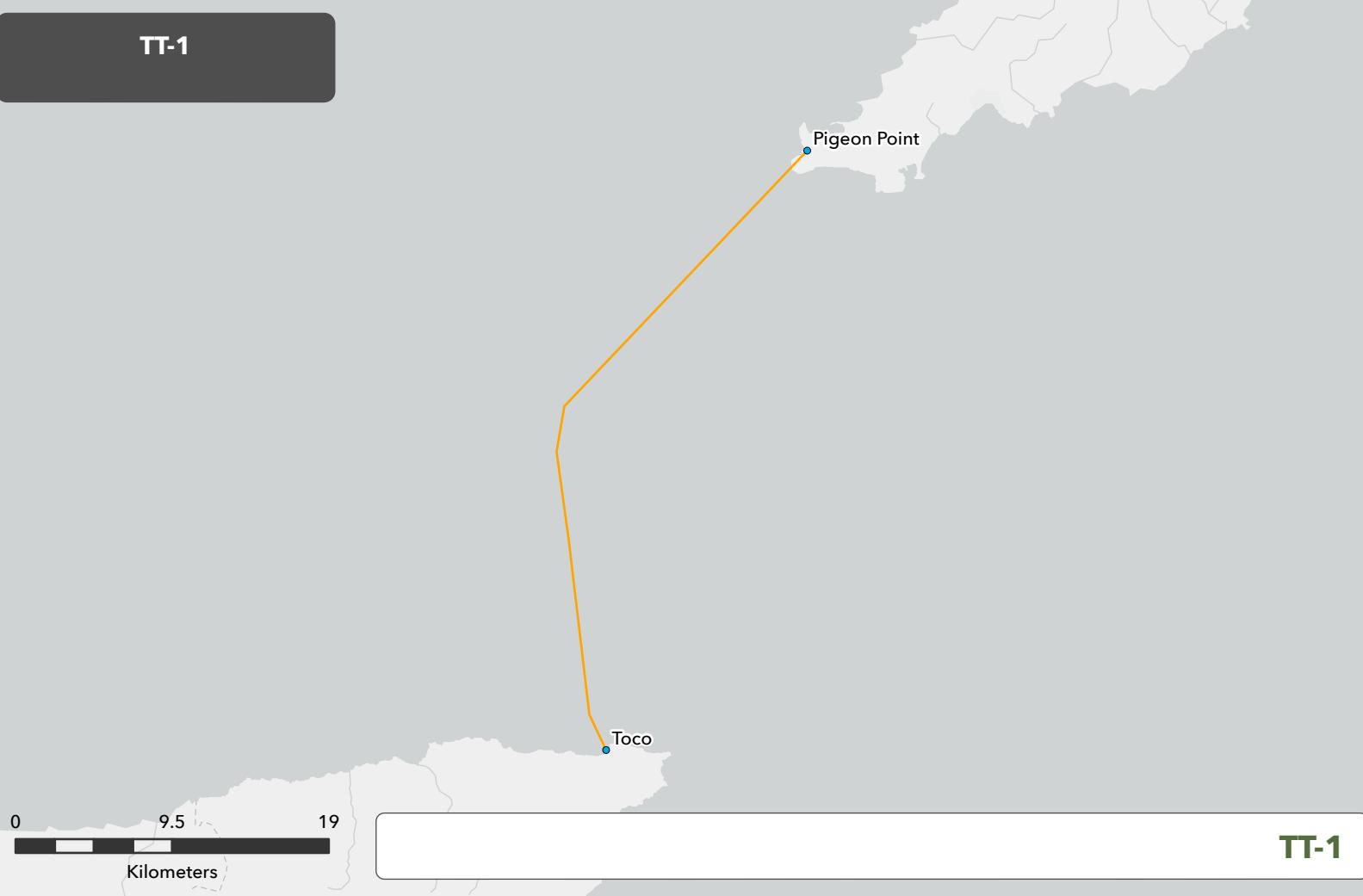


SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$2,075,000
Length (km)	83
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Telkom Indonesia

LANDING POINTS

City	State/Province	Country
Tanjung Selor	North Kalimantan	Indonesia
Tarakan	North Kalimantan	Indonesia



TT-1

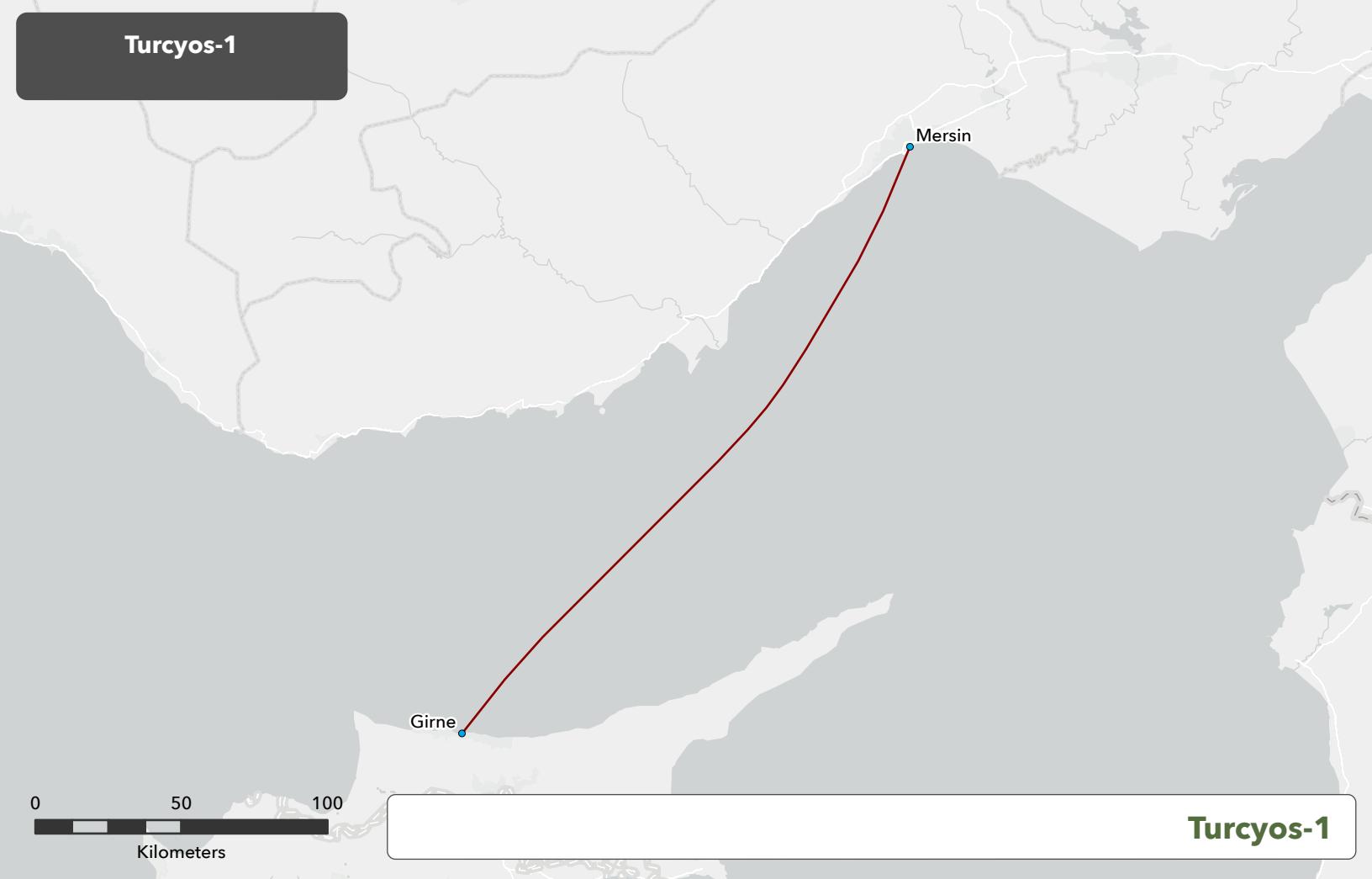
SYSTEM DETAILS

RFS Year	2012
EOS Year	2037
Est. System Cost (USD)	\$1,200,000
Length (km)	48
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Orange
Owner(s)	Alliance Telecommunications, C&W, TSTT

LANDING POINTS

City	State/Province	Country
Pigeon Point	Tobago	Trinidad and Tobago
Toco	Saint David	Trinidad and Tobago

Turcyos-1



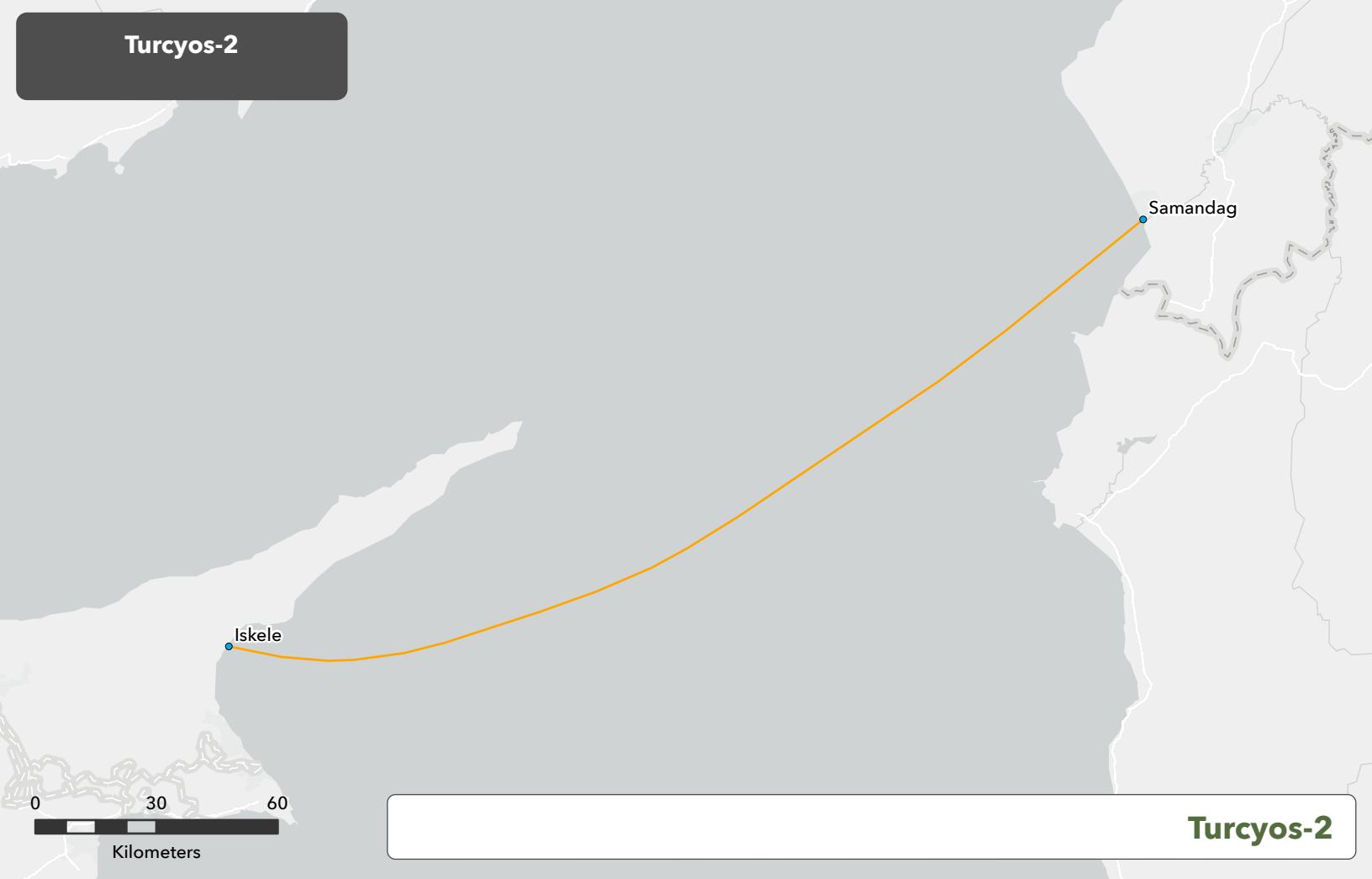
Turcyos-1

SYSTEM DETAILS

RFS Year	1993
EOS Year	2018
Est. System Cost (USD)	\$2,750,000
Length (km)	110
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Turk Telekom

LANDING POINTS

City	State/Province	Country
Girne	Kyrenia District	Cyprus
Mersin	Mediterranean	Turkey

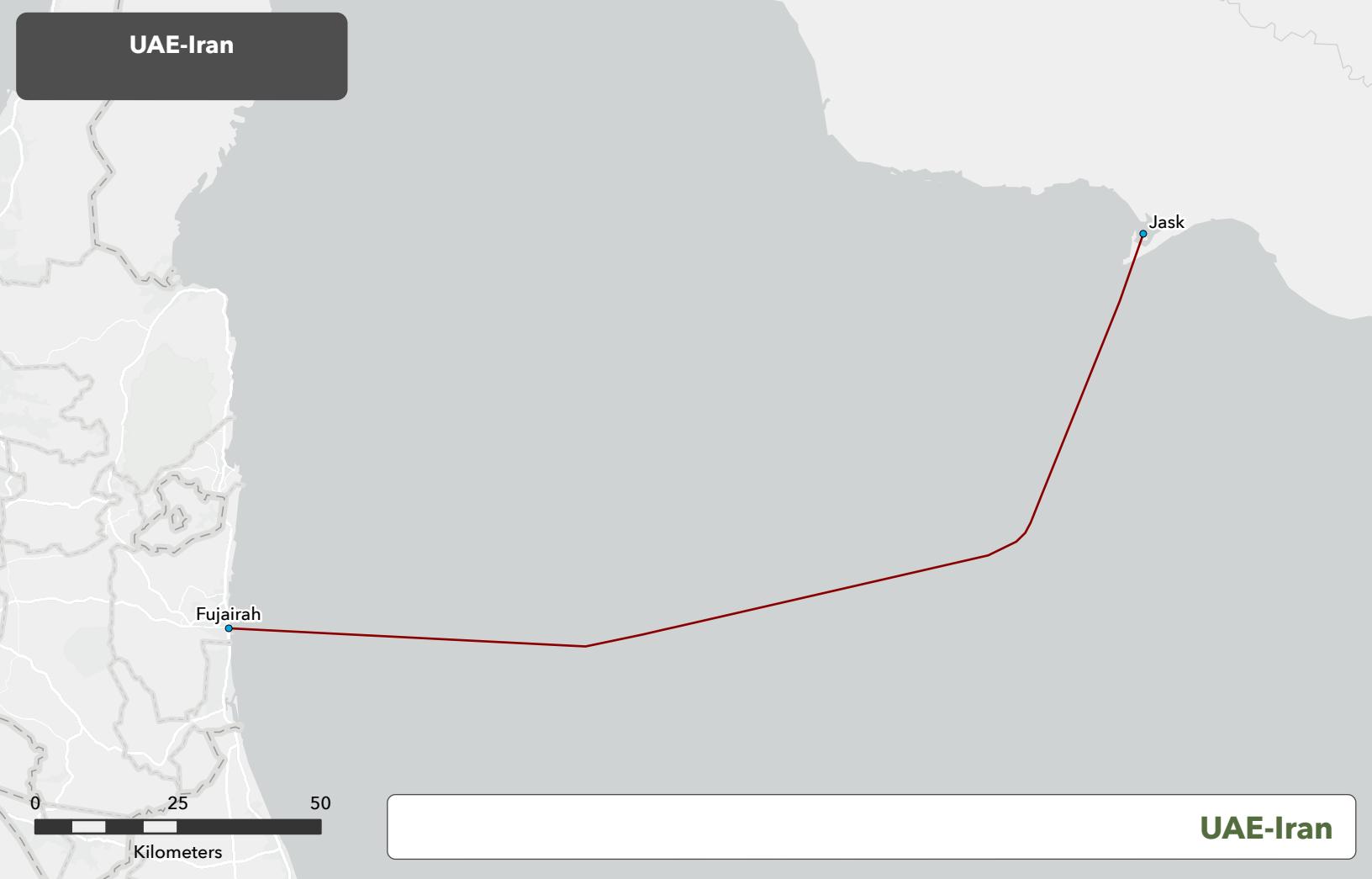


SYSTEM DETAILS

RFS Year	2011
EOS Year	2036
Est. System Cost (USD)	\$5,325,000
Length (km)	213
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Turk Telekom

LANDING POINTS

City	State/Province	Country
Iskele	Iskele	Cyprus
Samandag	Hatay	Turkey



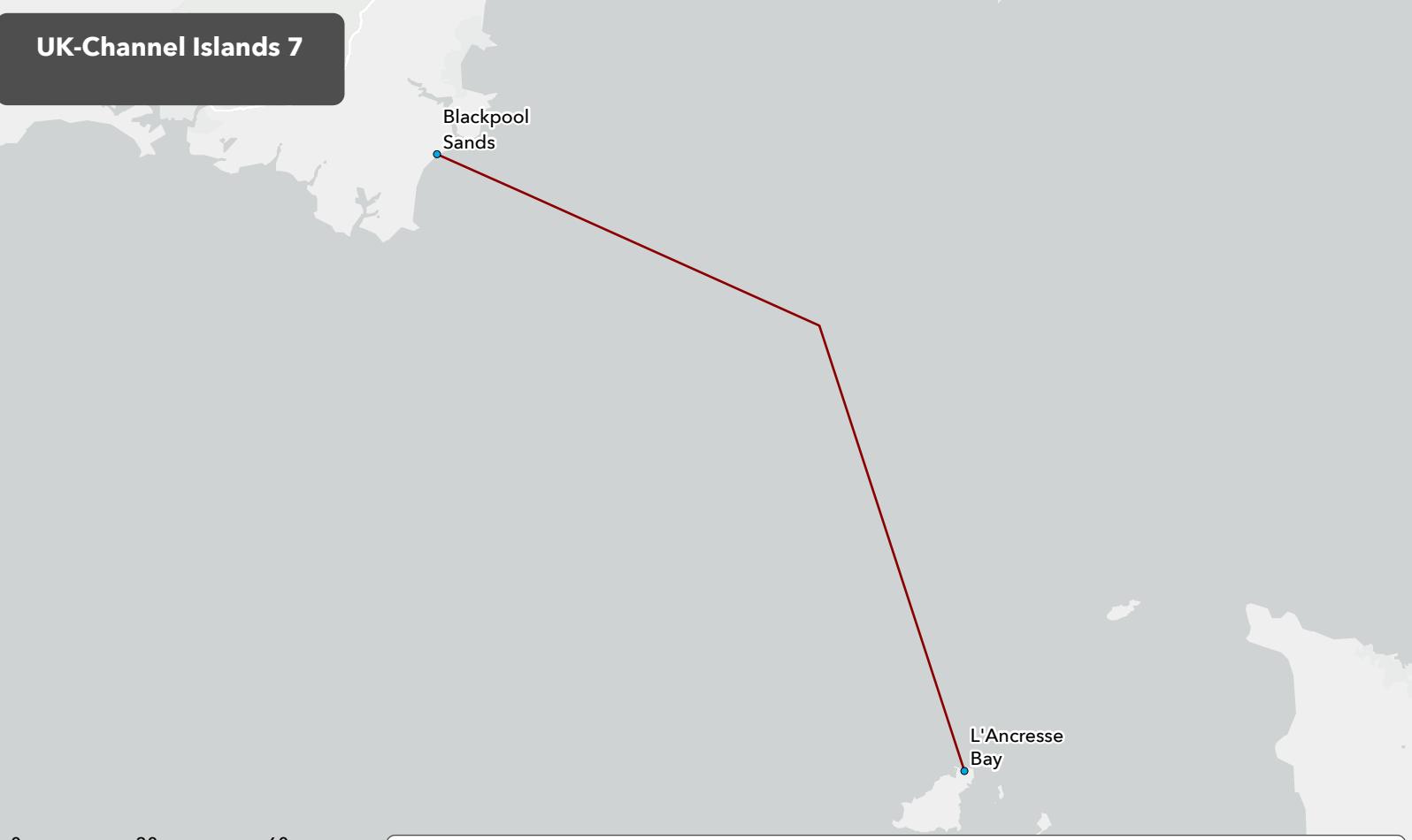
SYSTEM DETAILS

RFS Year	1992
EOS Year	2017
Est. System Cost (USD)	\$4,250,000
Length (km)	170
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Etisalat, Telecommunication Infrastructure Company of Iran

LANDING POINTS

City	State/Province	Country
Fujairah	Fujairah	United Arab Emirates
Jask	Hormozgan	Iran

UK-Channel Islands 7



0 30 60
Kilometers

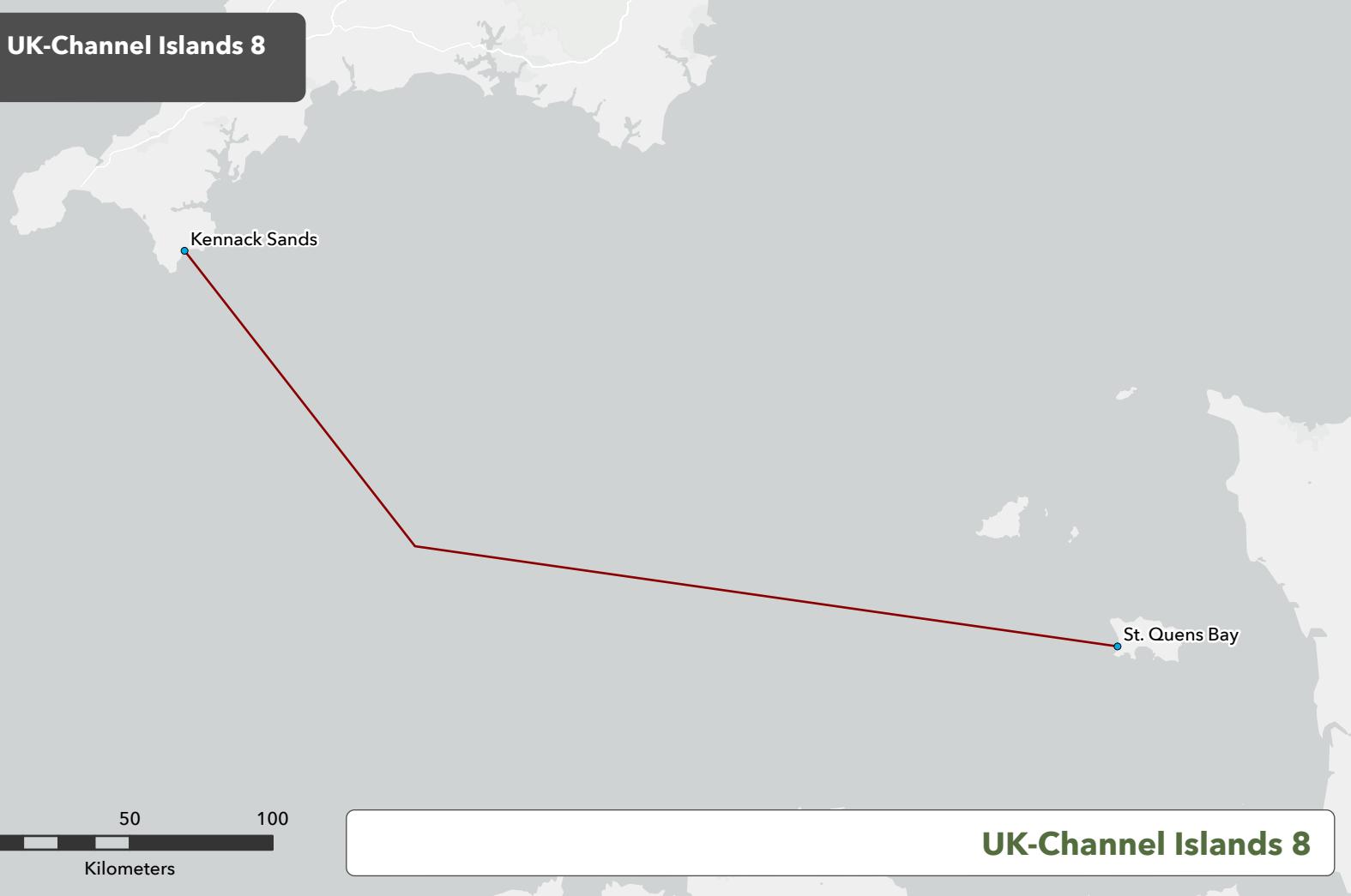
UK-Channel Islands 7

SYSTEM DETAILS

RFS Year	1989
EOS Year	2014
Est. System Cost (USD)	\$9,088,000
Length (km)	124
Design Capacity (Tbps)	0.0025
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BT, C&W, JTGlobal

LANDING POINTS

City	State/Province	Country
Blackpool Sands	England	United Kingdom
L'Ancrese Bay	Vale	Guernsey

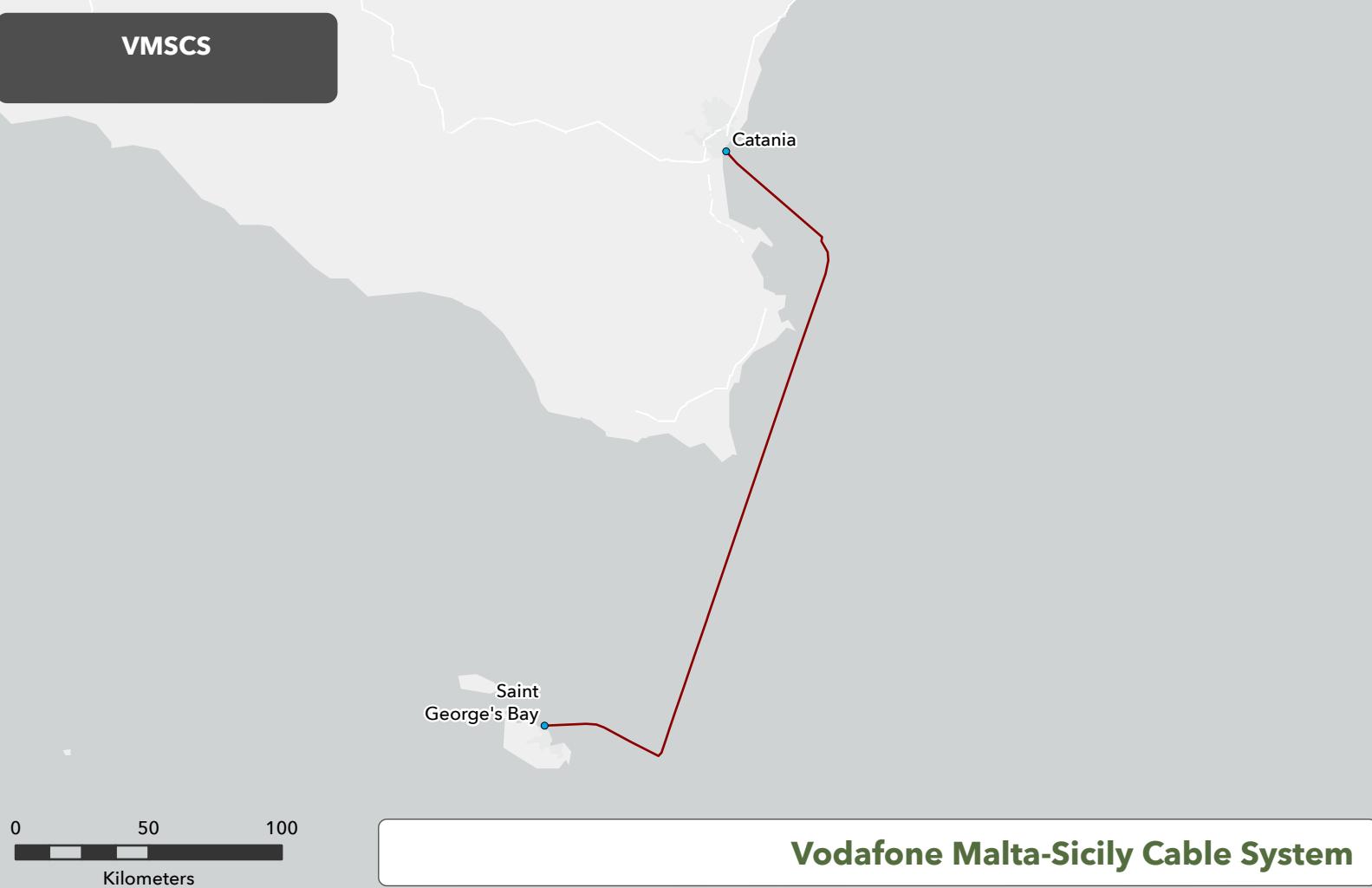


SYSTEM DETAILS

RFS Year	1994
EOS Year	2019
Est. System Cost (USD)	\$16,263,000
Length (km)	237
Design Capacity (Tbps)	0.000155
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	BT, C&W, JTGlobal

LANDING POINTS

City	State/Province	Country
Kennack Sands BJT	England	United Kingdom
St. Ouens Bay	St. Brelade	Jersey



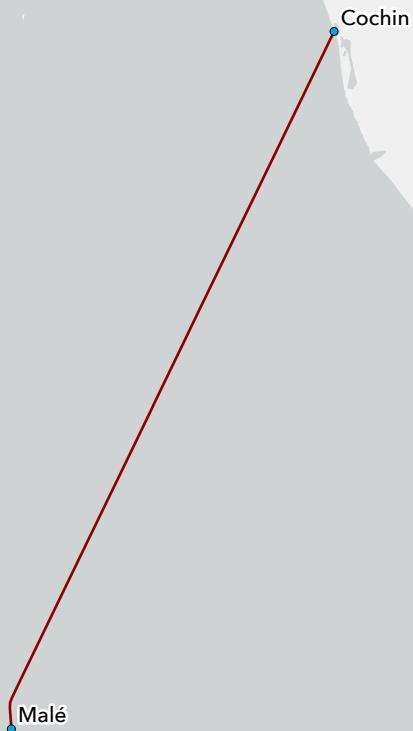
Vodafone Malta-Sicily Cable System

SYSTEM DETAILS

RFS Year	2004
EOS Year	2029
Est. System Cost (USD)	\$10,000,000
Length (km)	250
Design Capacity (Tbps)	0.01
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	Vodafone Malta

LANDING POINTS

City	State/Province	Country
Catania	Sicily	Italy
Saint George's Bay	Il-Bajja ta' San Ġorġ	Malta



0 160 320 Kilometers

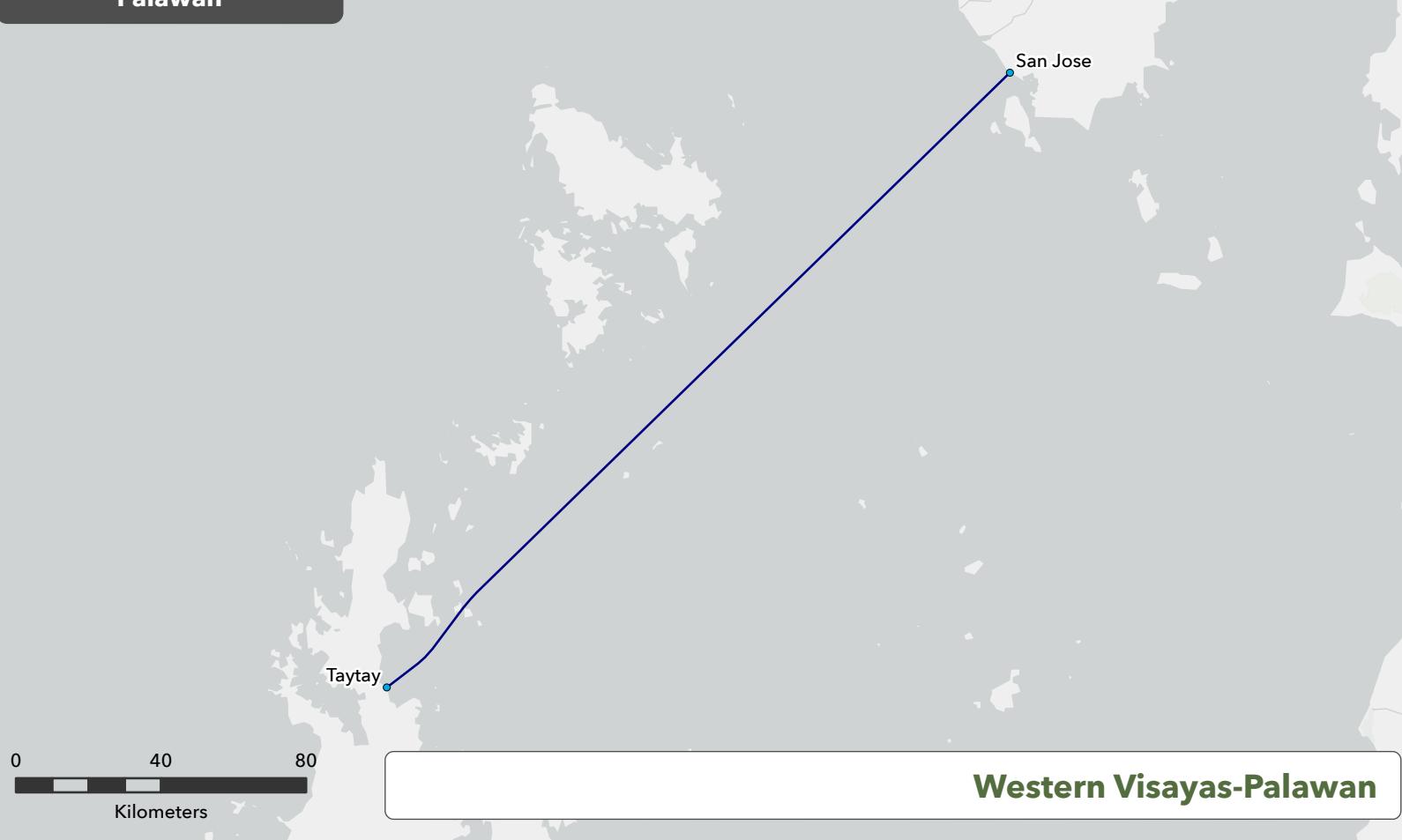
WARF

SYSTEM DETAILS

RFS Year	2007
EOS Year	2032
Est. System Cost (USD)	\$20,000,000
Length (km)	680
Design Capacity (Tbps)	Not Available
Fiber Pairs	2
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	ASN
Owner(s)	WARF Telecom International

LANDING POINTS

City	State/Province	Country
Cochin	Kerala	India
Malé	North Malé Atoll	Maldives



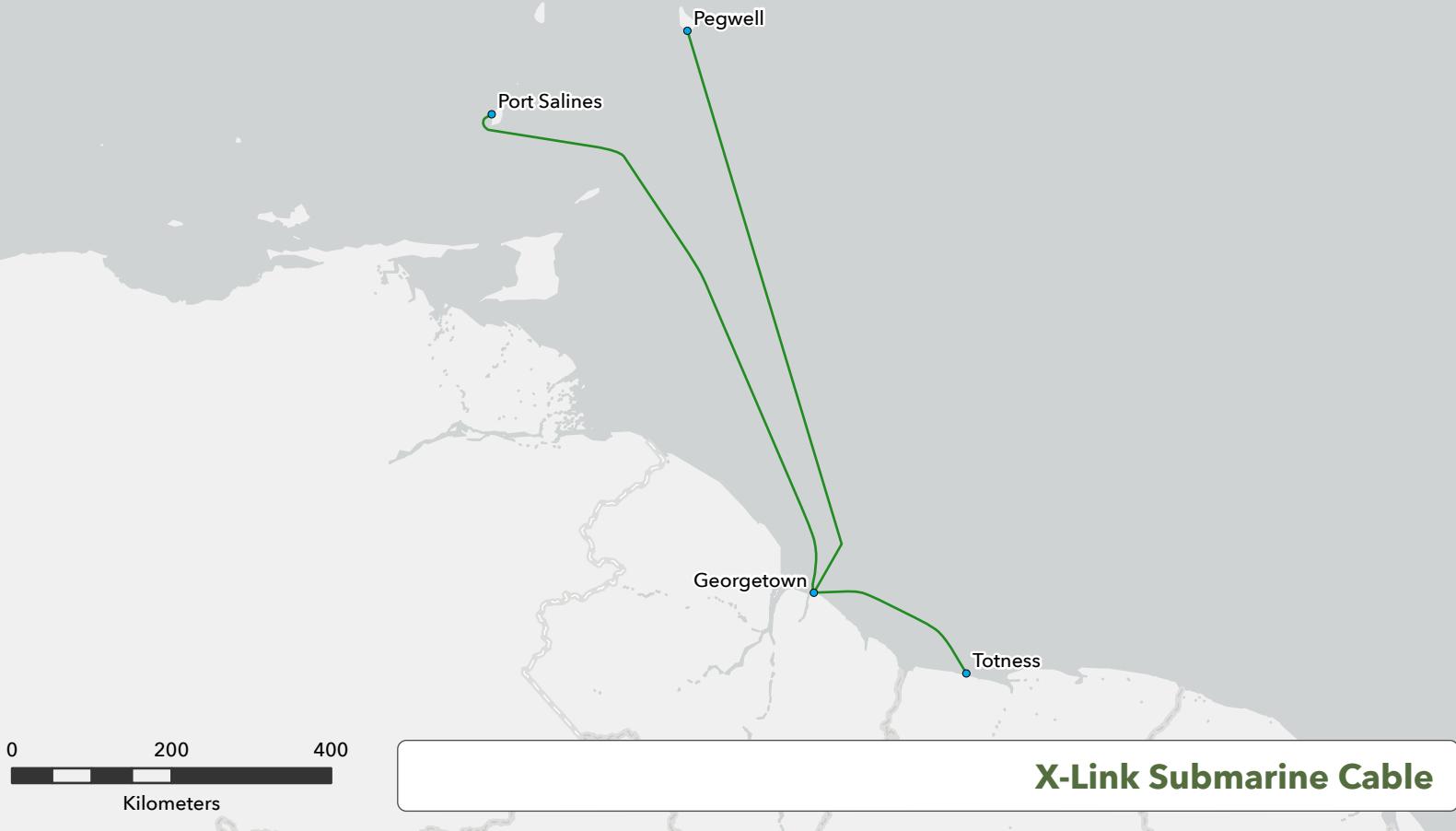
SYSTEM DETAILS

RFS Year	2014
EOS Year	2039
Est. System Cost (USD)	\$20,000,000
Length (km)	300
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	PLDT

LANDING POINTS

City	State/Province	Country
San Jose	Western Visayas	Philippines
Taytay	Palawan	Philippines

X-Link Submarine Cable



SYSTEM DETAILS

RFS Year	2019
EOS Year	2044
Est. System Cost (USD)	\$19,375,000
Length (km)	775
Design Capacity (Tbps)	Not Available
Fiber Pairs	Not Available
Wavelengths per Fiber Pair	Not Available
Capacity per Wavelength (Gbps)	Not Available
System Supplier	Not Available
System Installer	Not Available
Owner(s)	E-Networks Inc

LANDING POINTS

City	State/Province	Country
Georgetown	Demerara-Mahaica	Guyana
Pegwell	Christ Church Parish	Barbados
Port Salines		Grenada
Totness	Coronie District	Suriname

submarine telecoms

FORUM

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