

# Submarine Protection Zones

“The New GOLD Standard”



## Fiona Beck

Director Bermuda Business Development Agency  
Former CEO Southern Cross Cable  
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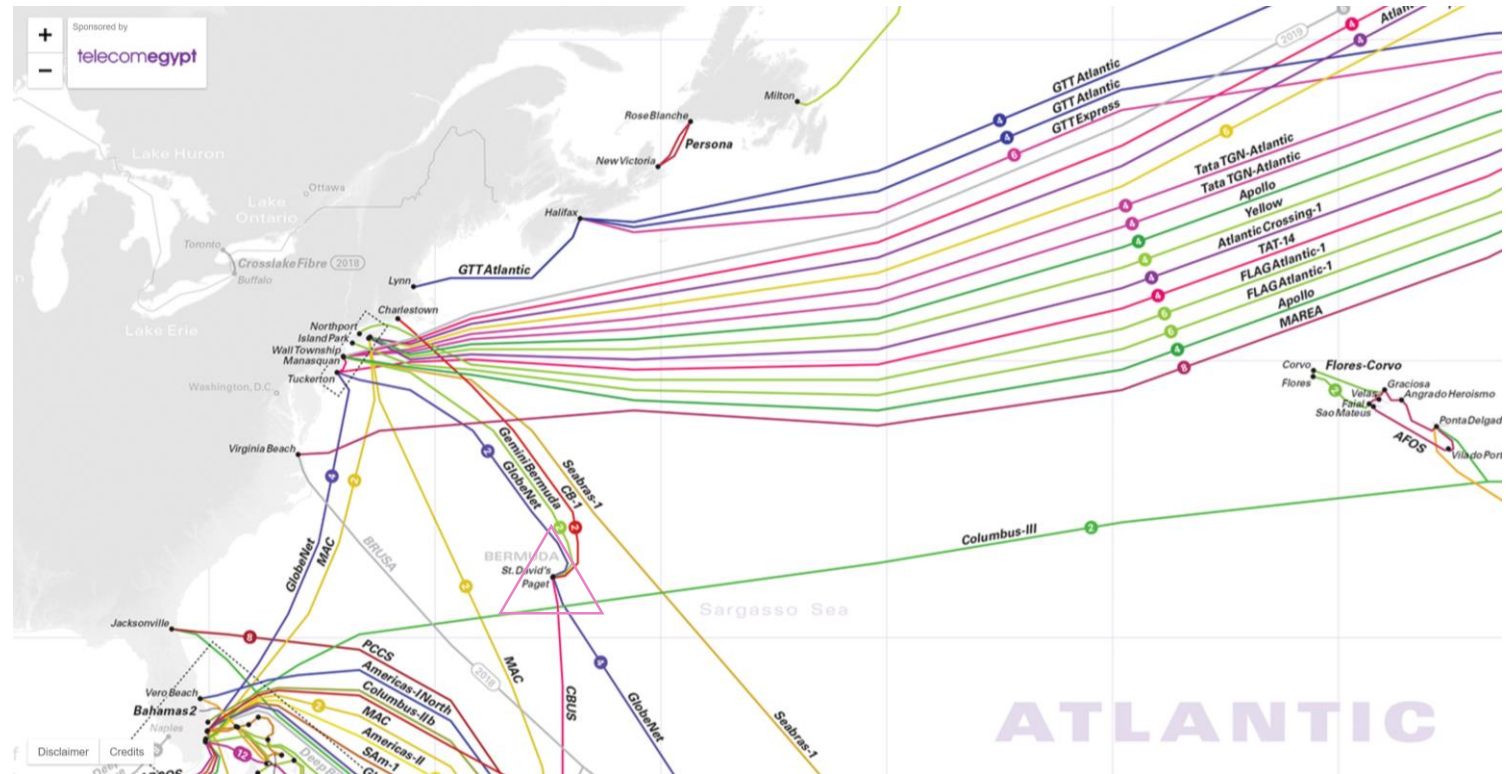




# What is a Cable Protection Zone?

*“ a defined area, usually identified on official marine charts, where submarine cables are afforded legal protection supported by various policing measures. Cable protection zones extending beyond territorial seas, normally 12 nautical miles, are generally not recognized under international law.”*

# Where is Bermuda?

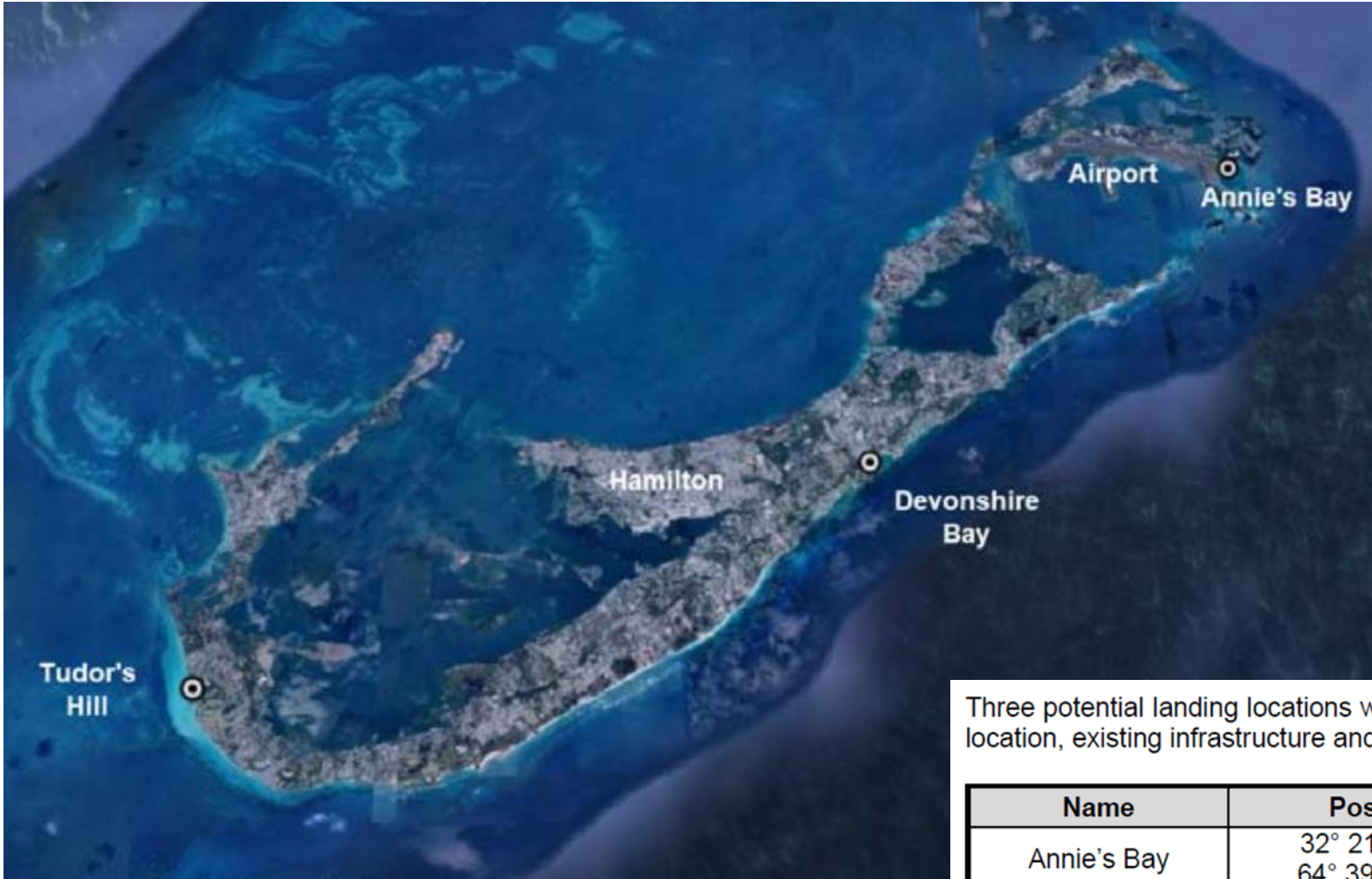




# Submarine Protection Zone Process

## *Speed Commitment to Process*





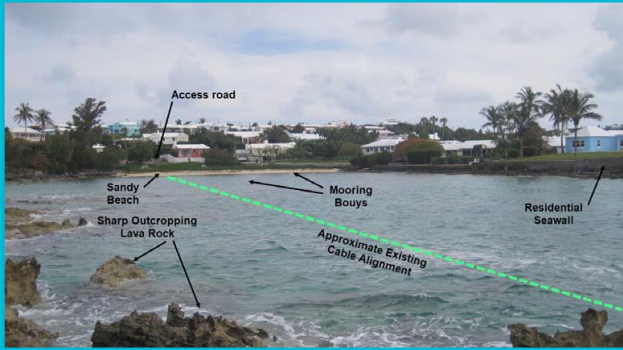
## Potential Landing Locations

Three potential landing locations were inspected and assessed and characterised by geographic location, existing infrastructure and installation feasibility.

Name	Position	Landing Station	Observations
Annie's Bay	32° 21.493' N 64° 39.471' W	Airport	Globenet Seg 4 and 5 in-service cable landing
Devonshire Bay	32° 17.9877' N 64° 44.666' W	Paget Parish	CBUS, CB-1, Gemini cable in-service landing
Tudor Hill	32° 15.824' N 64° 52.738' W	None	Decommissioned US Navy Facility



# Evaluating Landing Options







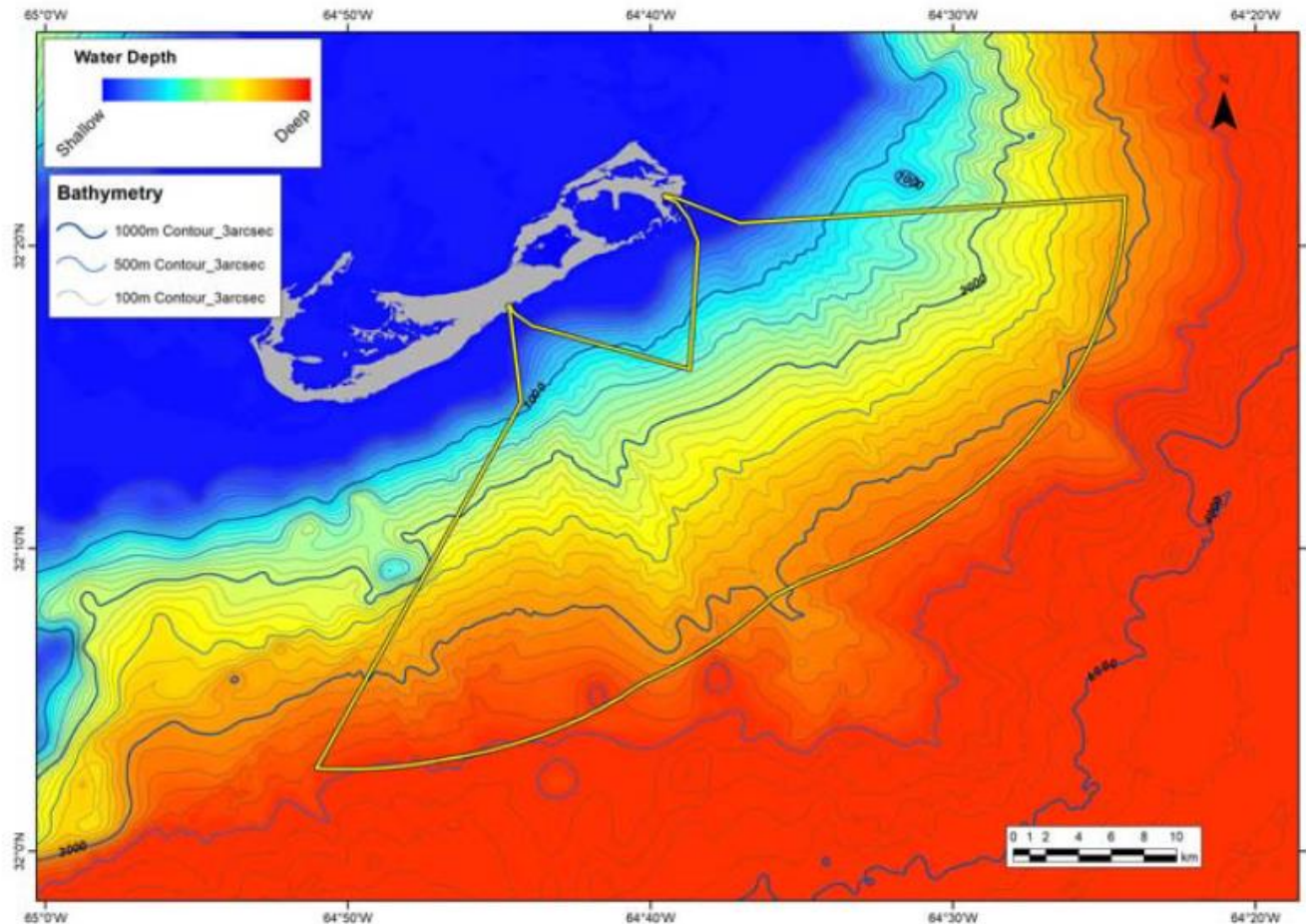
# Restricted activities in the Cable Protection Zone

- ❖ Anchoring
- ❖ Lowering, raising or suspending from a ship a shotline
- ❖ Use of or towing, operating or suspending from a ship a net anchored to the seabed
- ❖ Use of an explosive or explosive device
- ❖ Use of or towing, operating or suspending from a ship a demersal dropline
- ❖ Use of or towing, operating or suspending from a ship a pot or trap
- ❖ Harvesting the benthos
- ❖ Use of or towing, operating or suspending from a ship a grapnel





# Bathymetry map showing the steep slope at the southeastern coast of Bermuda



# Environmental & Biological Restrictions

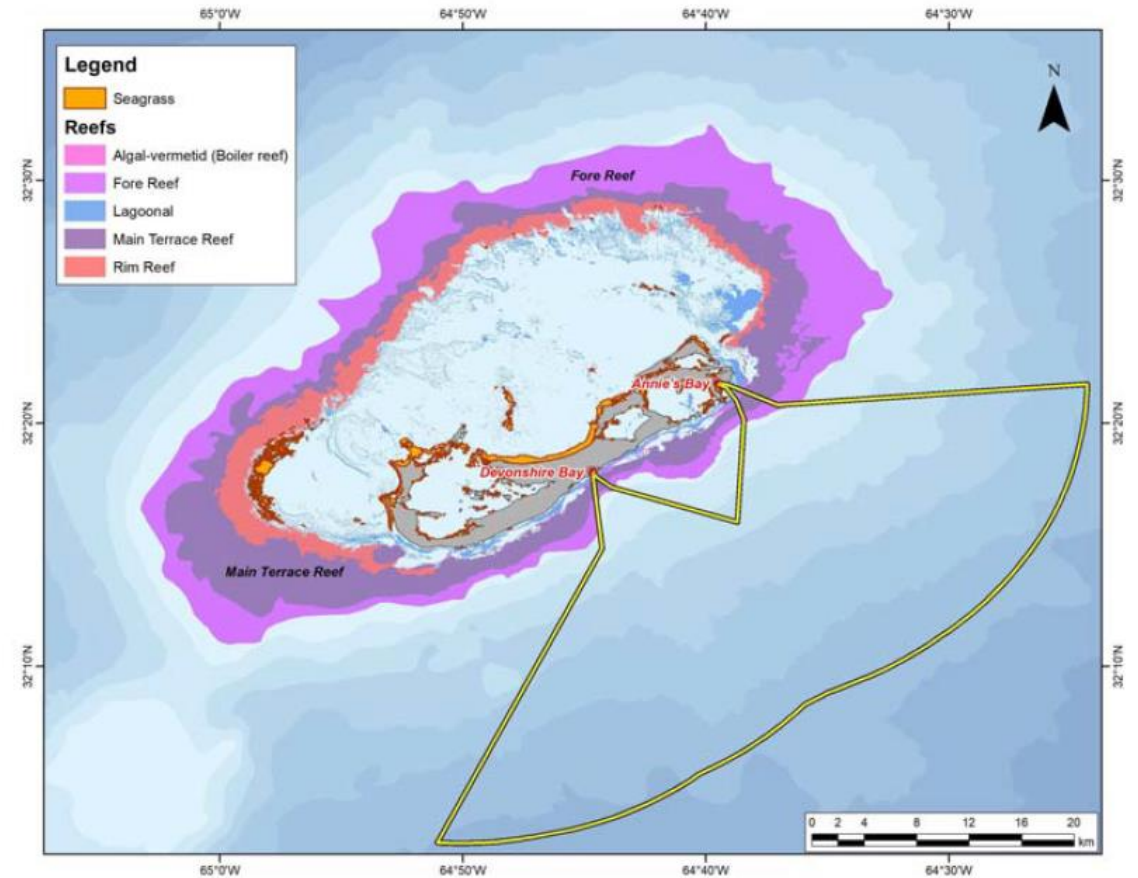
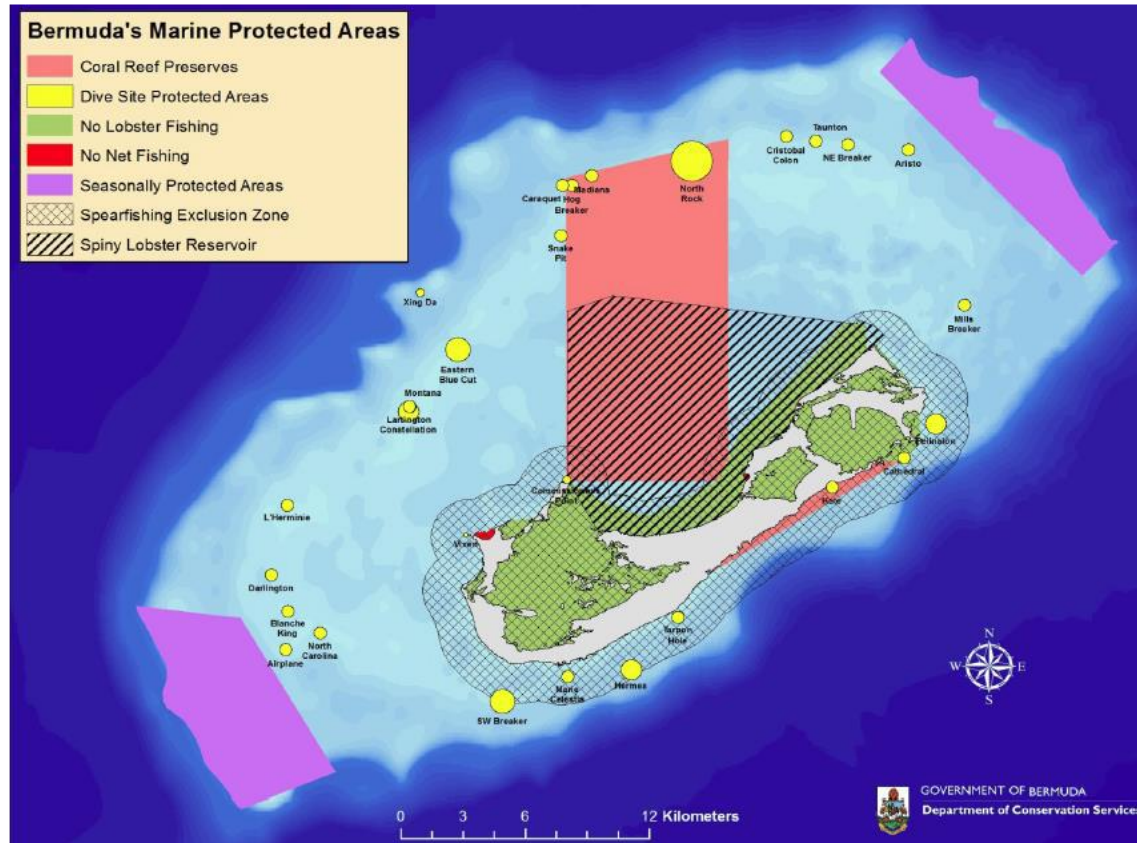
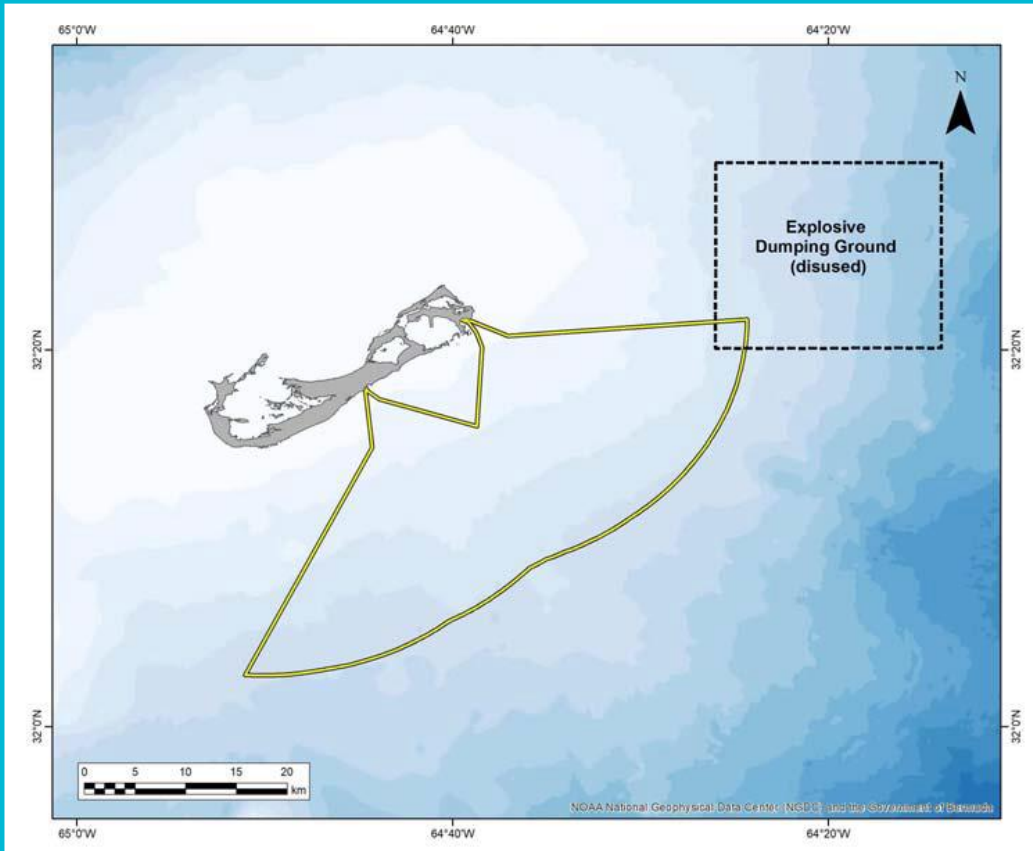


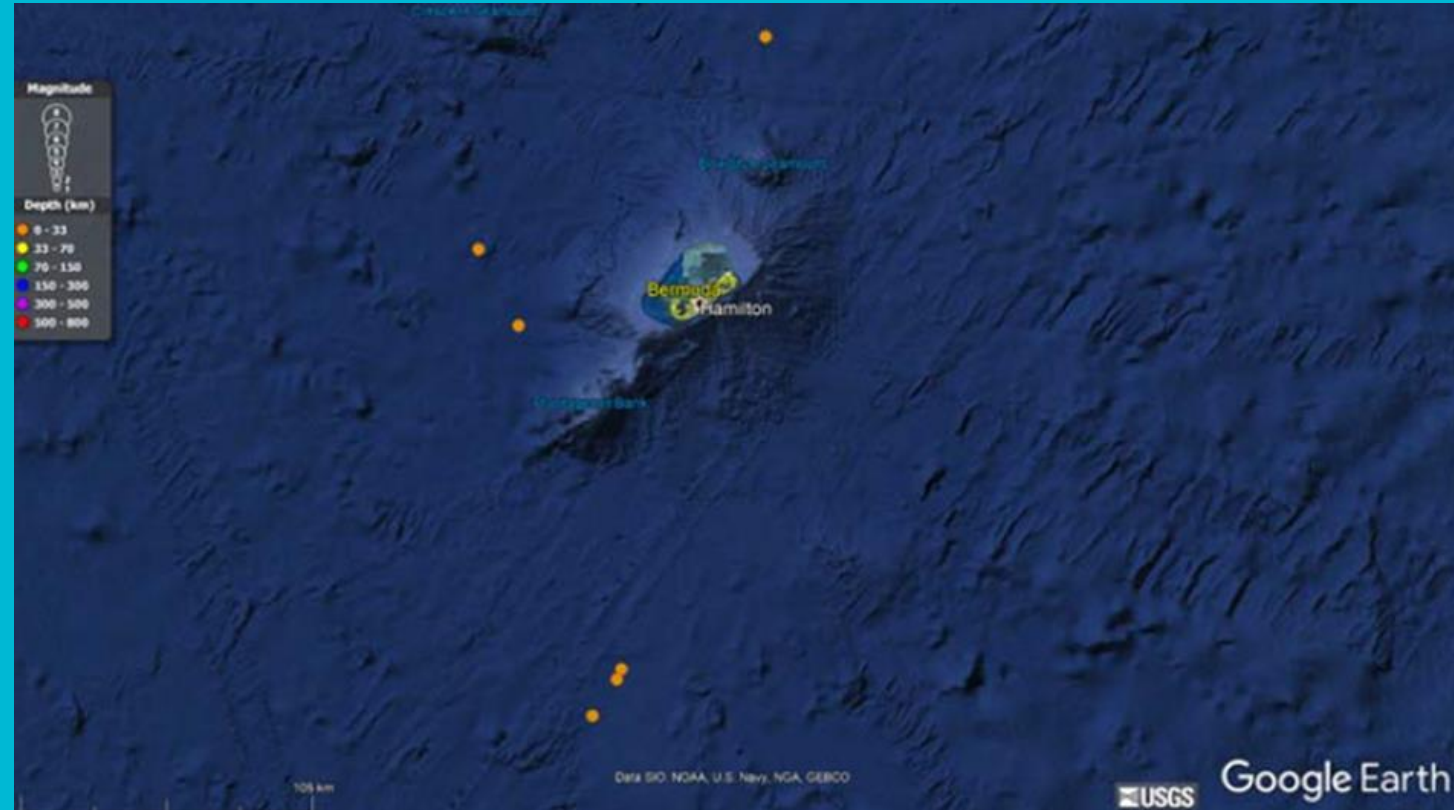
Figure 5.19: Coral Reef types in the Vicinity of Bermuda



# Various Types of Risk Assessment Performed



Former military dumping site avoided



Earthquakes with magnitude of 3 - 4 in the last 25 years

# Monitoring of Cable Protection Zone

Enforcement will be led by the Department of Environment Natural Resources with assistance of Marine Police and future agencies such as the RBR Coast Guard.

The Department of Marine and Ports would provide radar coverage for boats potentially anchoring in the area

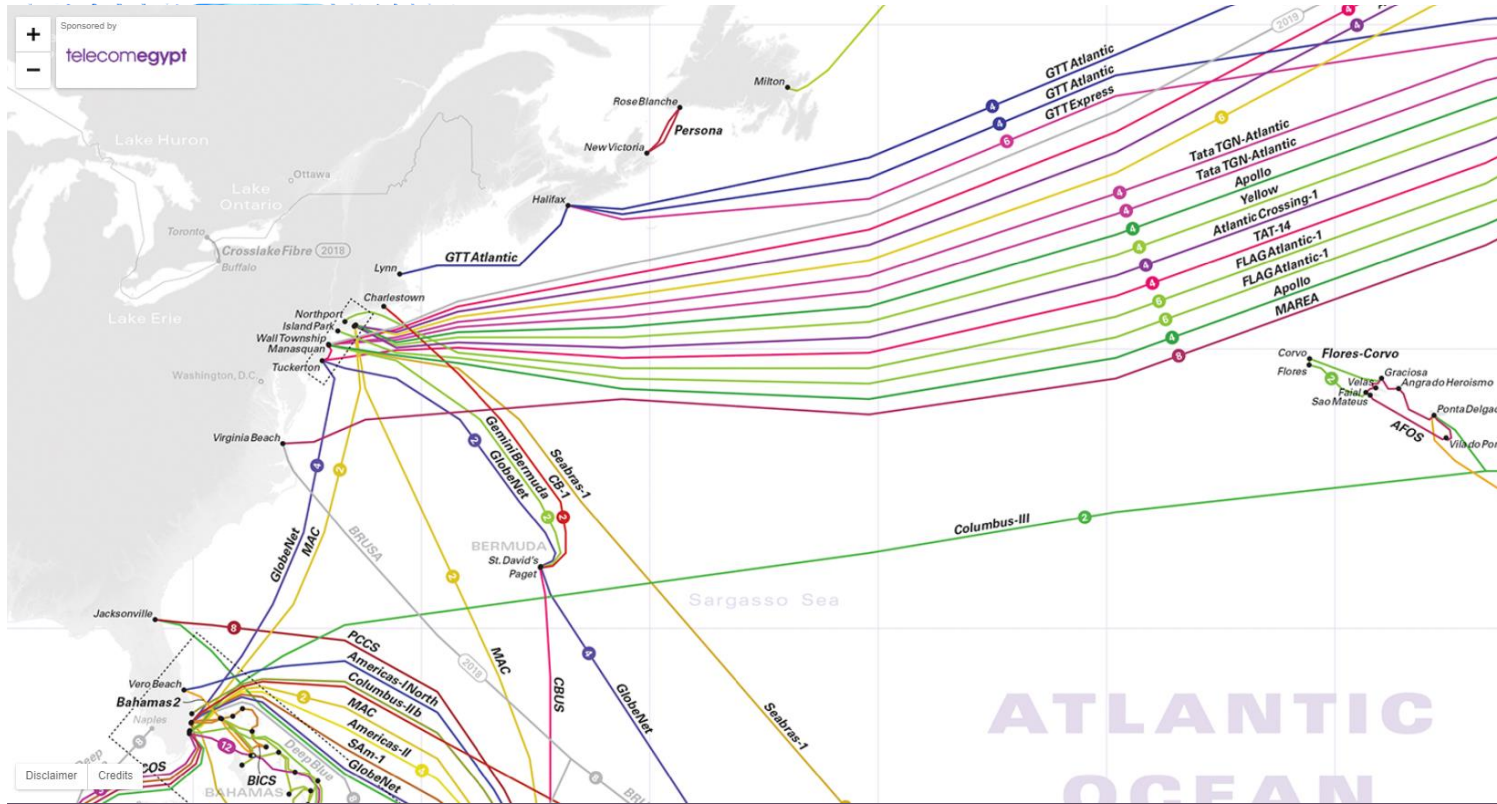






# What kills a Business Case... UNCERTAINTY

- ✓ Concierge Service for Application
- ✓ Structured Processing Approval
- ✓ **60 day** processing time
- ✓ Standard Annual Fees



# Bermuda: The Atlantic Digital Port

## Opportunity for 2-3 new cable systems

- ❖ Transit Systems
- ❖ Data sovereignty
- ❖ Atlantic Zone Redundancy

## Supporting and enhancing Bermuda's economic value

- ❖ Economic Substance
- ❖ Intellectual Property
- ❖ Renewable Green credits
- ❖ Captive Insurance
- ❖ Data Sovereignty



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