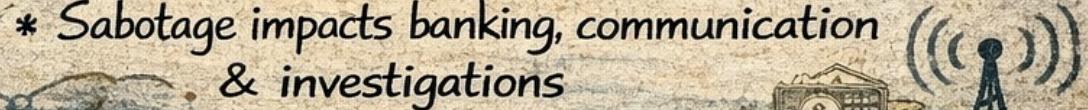


Day 11: Deeper into Submarine Cable Vulnerabilities

Understanding how undersea cables shape global connectivity & security



- * Cable cuts can disconnect entire countries
- * Geopolitical tensions increase infrastructure risk
- * Sabotage impacts banking, communication & investigations



- * Geopolitical tensions increase infrastructure risk



- * Sabotage impacts banking, communication & investigations

Protecting Submarine Cable Infrastructure

Route redundancy improves resilience



AI-based anomaly detection

Seabed surveillance systems



Hybrid core monitors



International cooperation needed

Geopolitical Risks of Submarine Cable Disruption

Submarine cables are strategic national assets

Economic disruption & intelligence gathering



Targets in cyber & hybrid warfare



Targets in cyber & hybrid warfare



Pre-conflict infrastructure surveillance



Submarine Cable Landing Station Vulnerabilities

Landing stations are critical chokepoints

Insider threats & ransomware risks

Single point of failure in many regions

Protective Layers

Underground cables

Power Supply

Single point of failure in many regions

Submarine Cables & Global Internet Traffic

Submarine cables are the backbone of the global internet

Enable financial systems, cloud services, defense networks.

95% of
Global Internet
Traffic

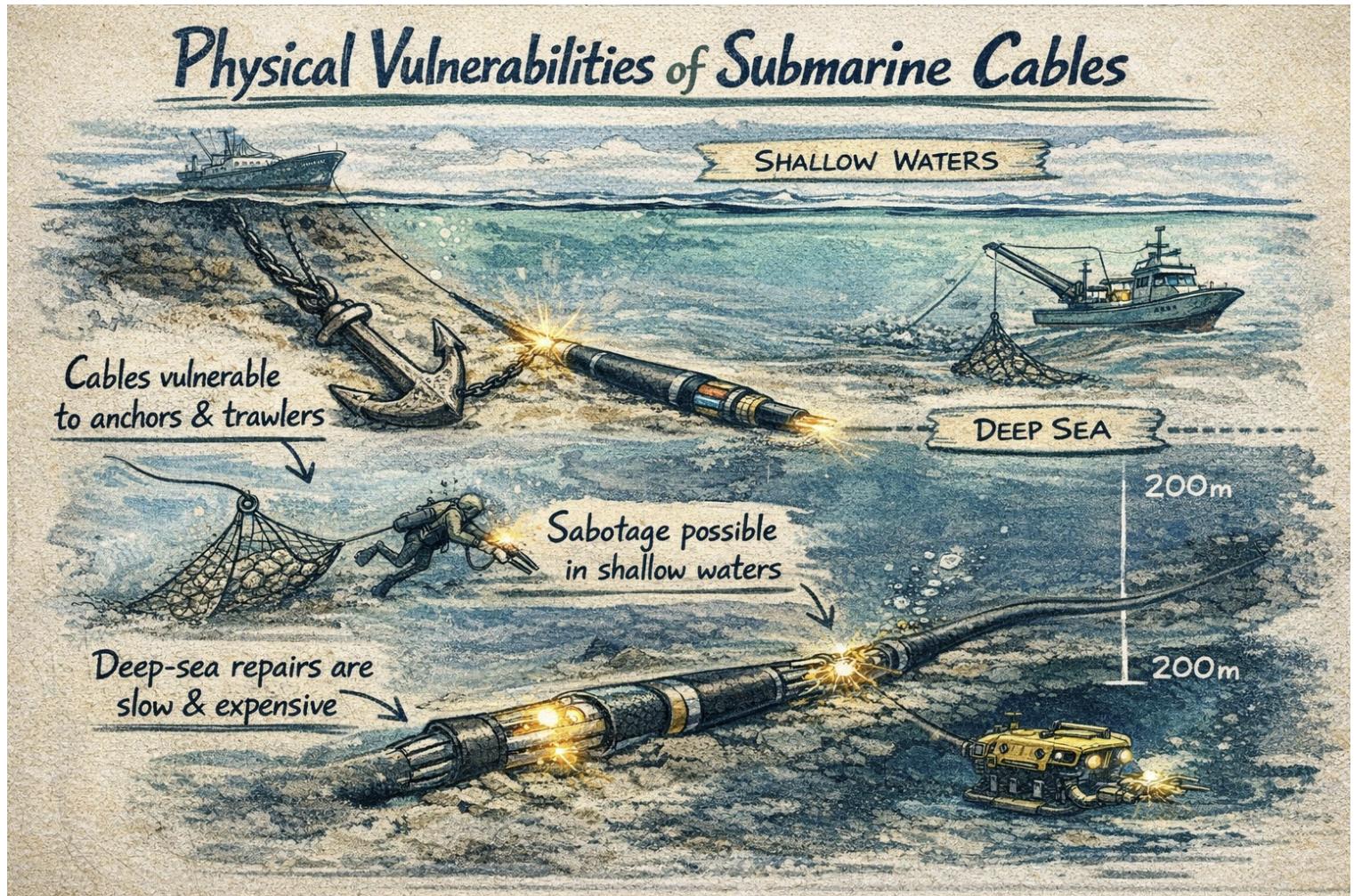


Undersea Fiber-Optic Cable

Data Fibers
Protective Layers
Power Supply

Critical global infrastructure
beneath oceans.

Physical Vulnerabilities of Submarine Cables



Cyber-Physical Attacks on Submarine Cables

