Undersea Technology
Latest ideas on possible options for designing the green cable

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3rd ITU Green Standards Week
ITU/WMO/UNESCO IOC Workshop on Propelling
a Pilot Project on Green Cables
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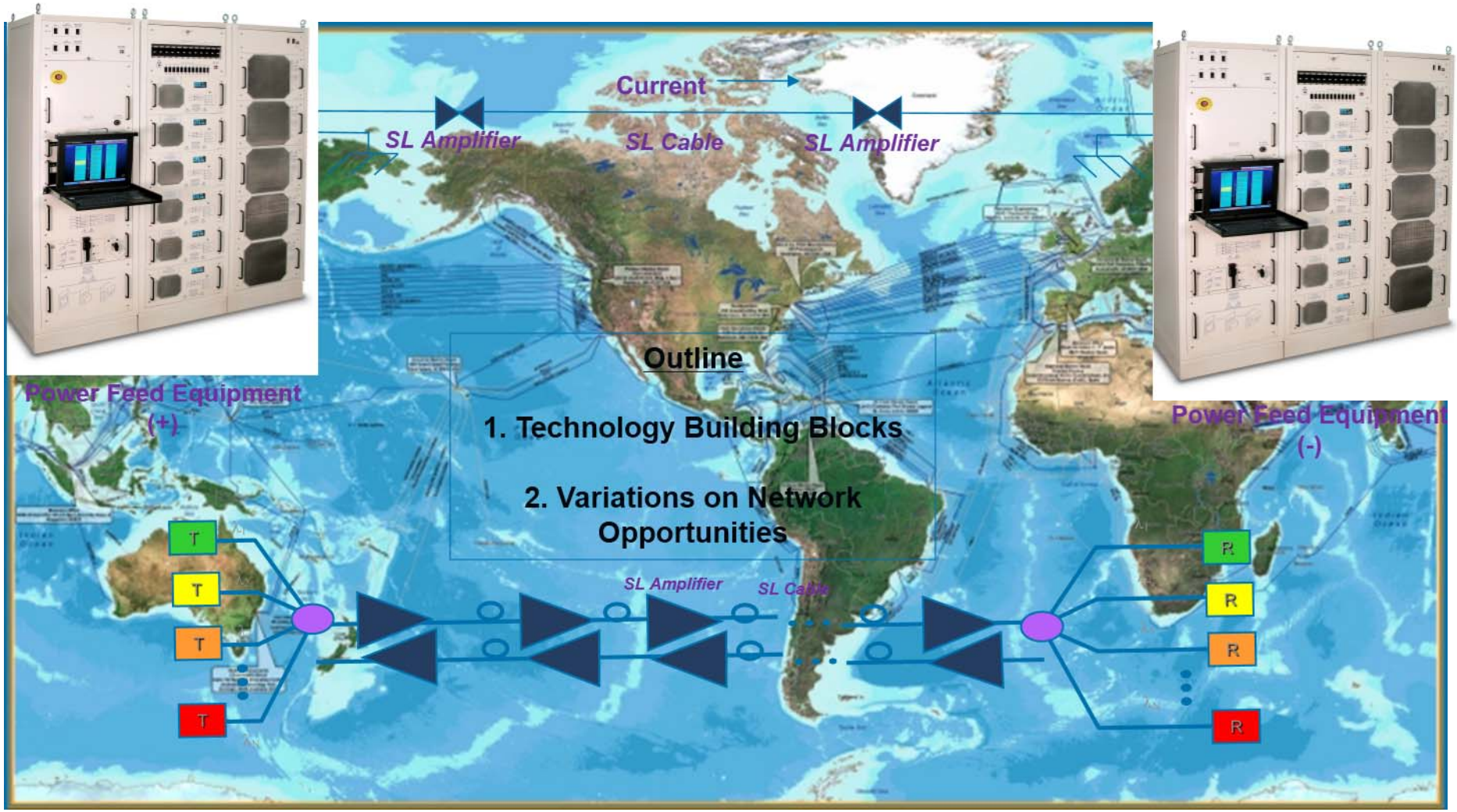
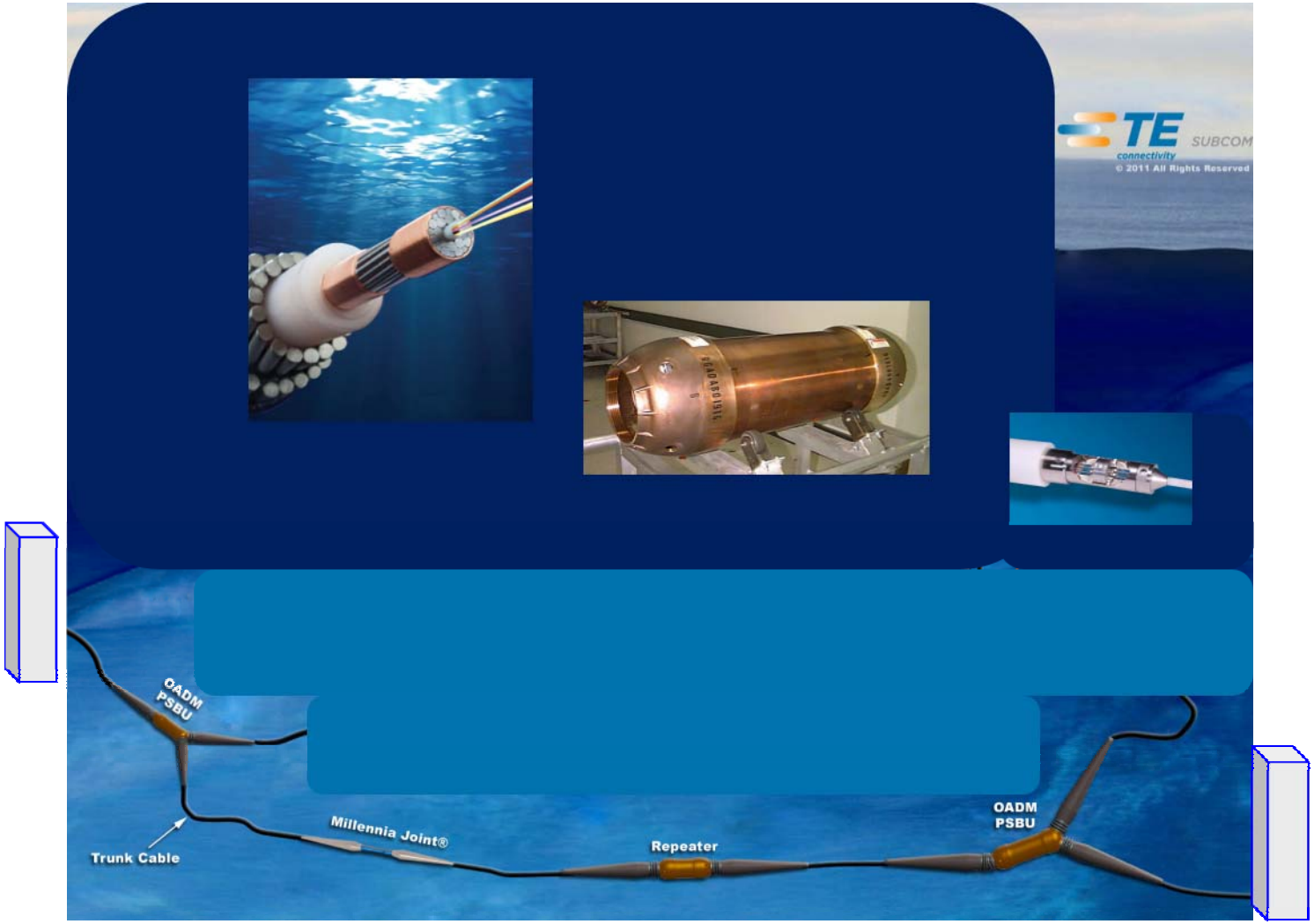
TE connectivity
SUBCOM

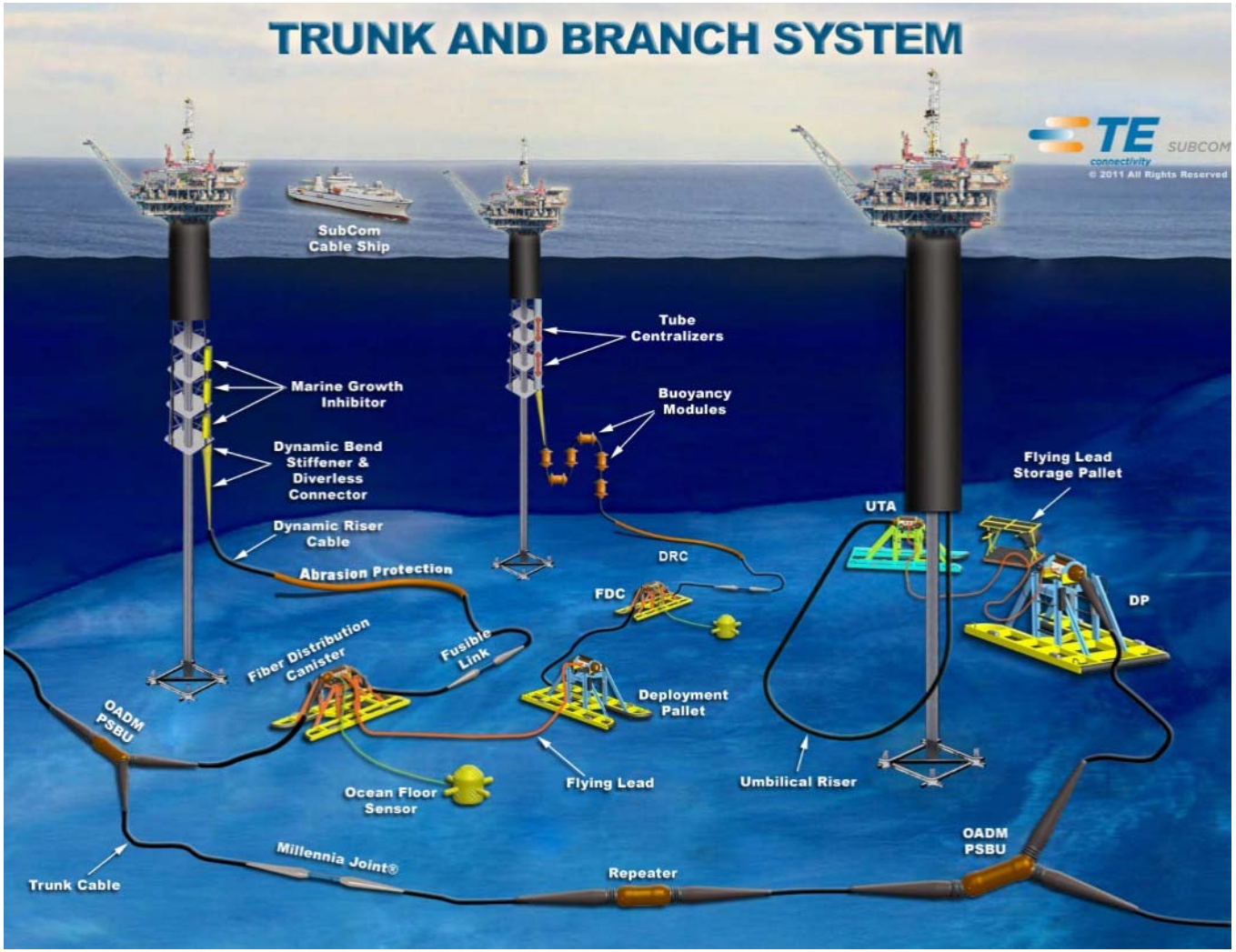
Undersea Cable Systems Throughout the World



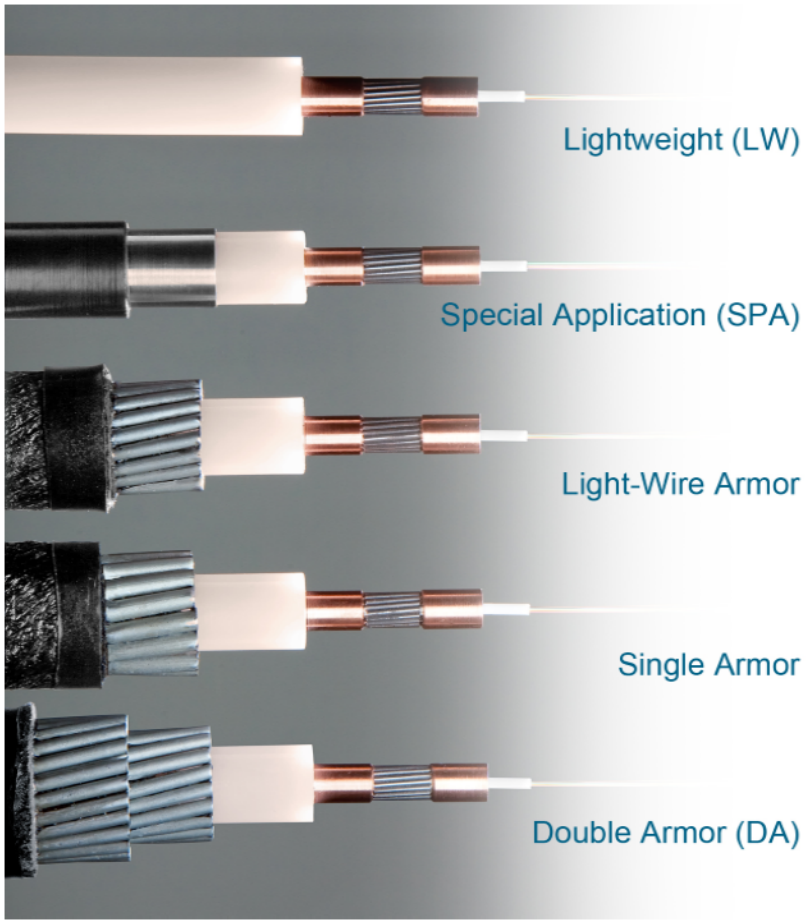
Classical Undersea Cable Systems Throughout the World

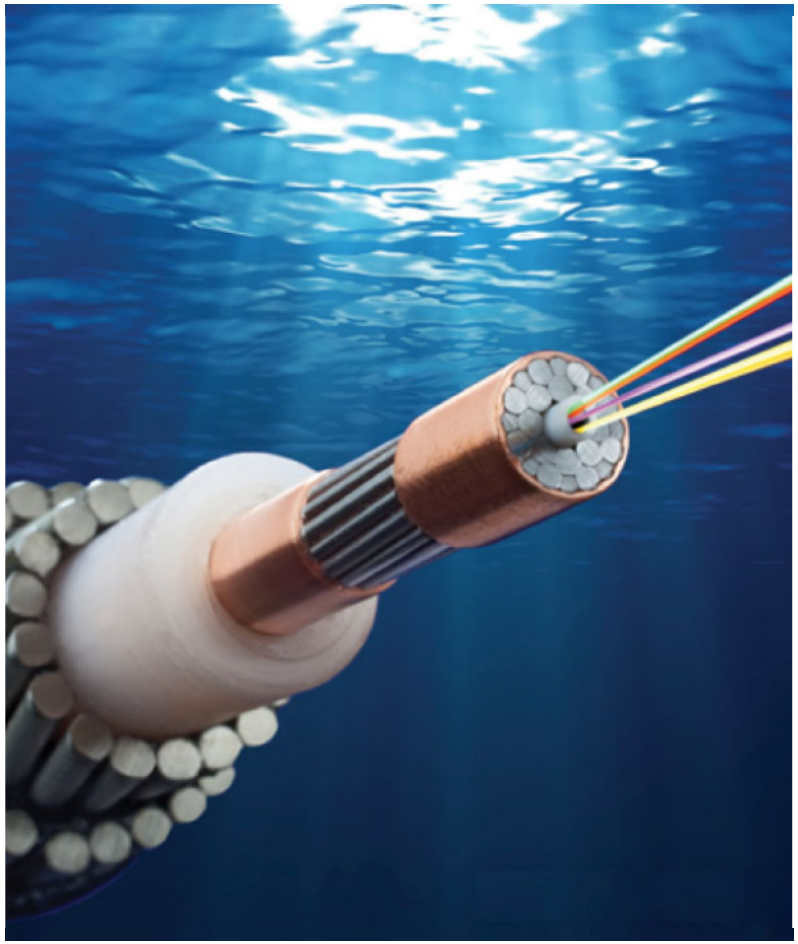


Toady's Undersea Cable Systems

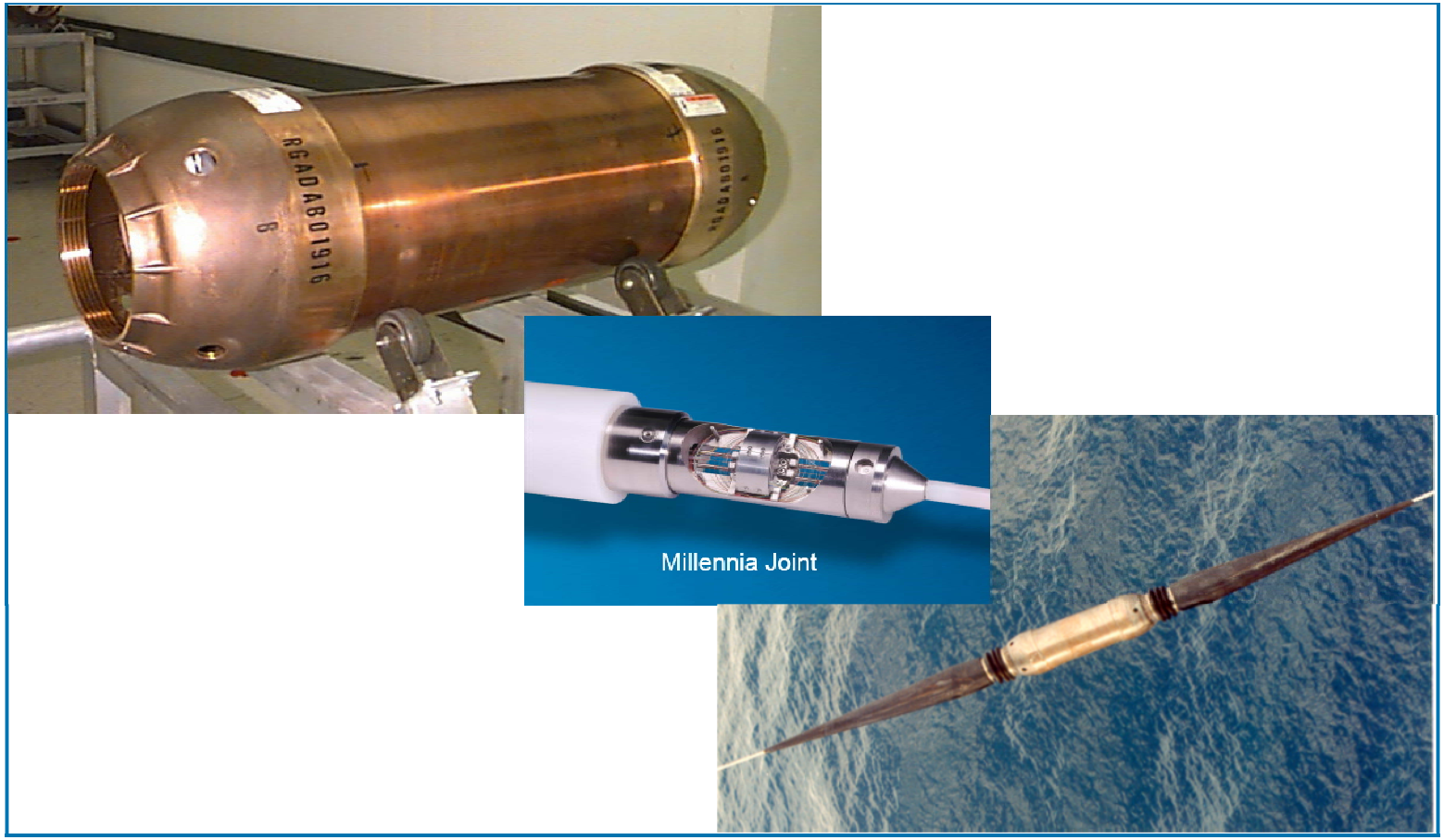


Undersea Fiber Optic Cable

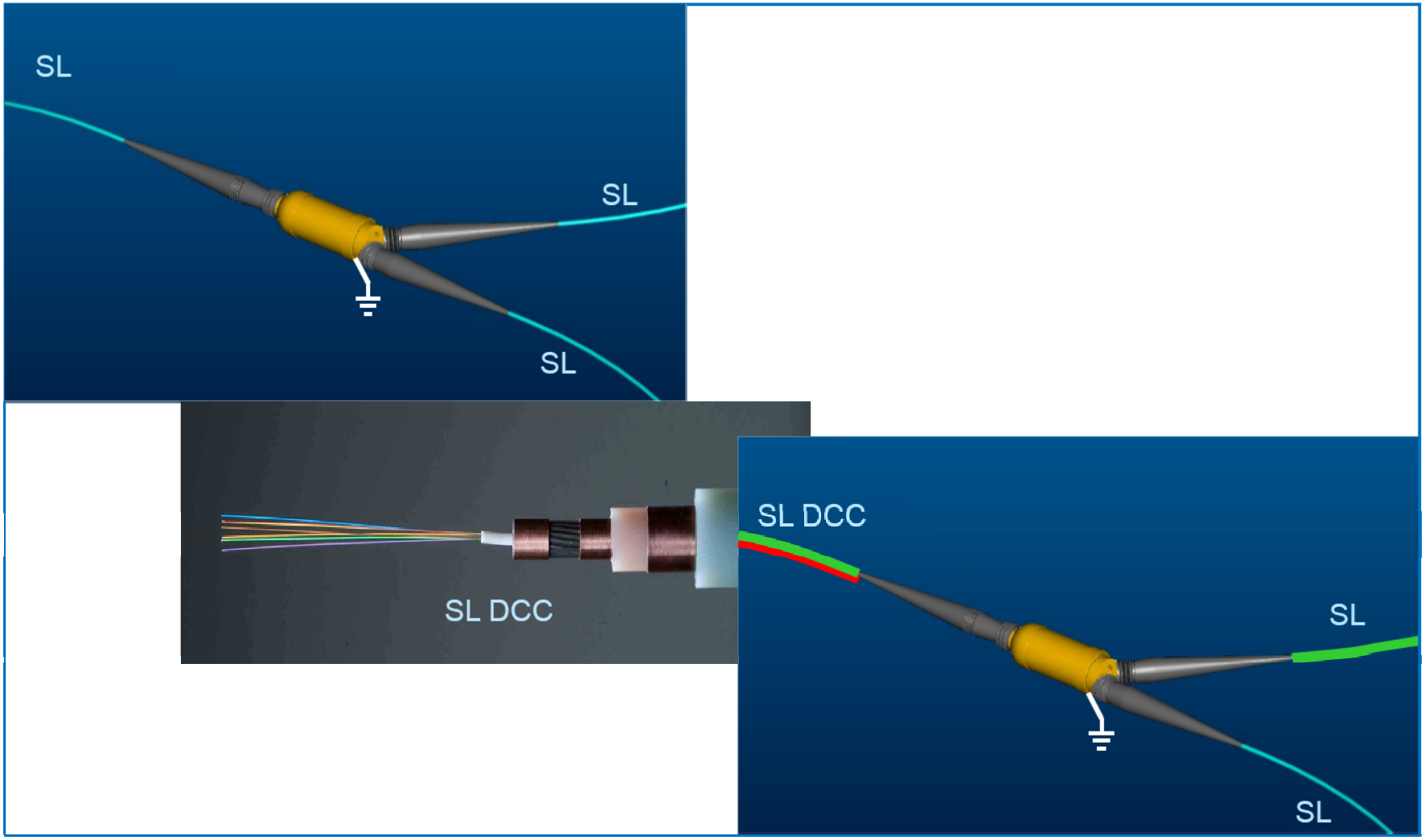




Undersea Optical Amplifiers (Repeaters) / Joints & Couplings

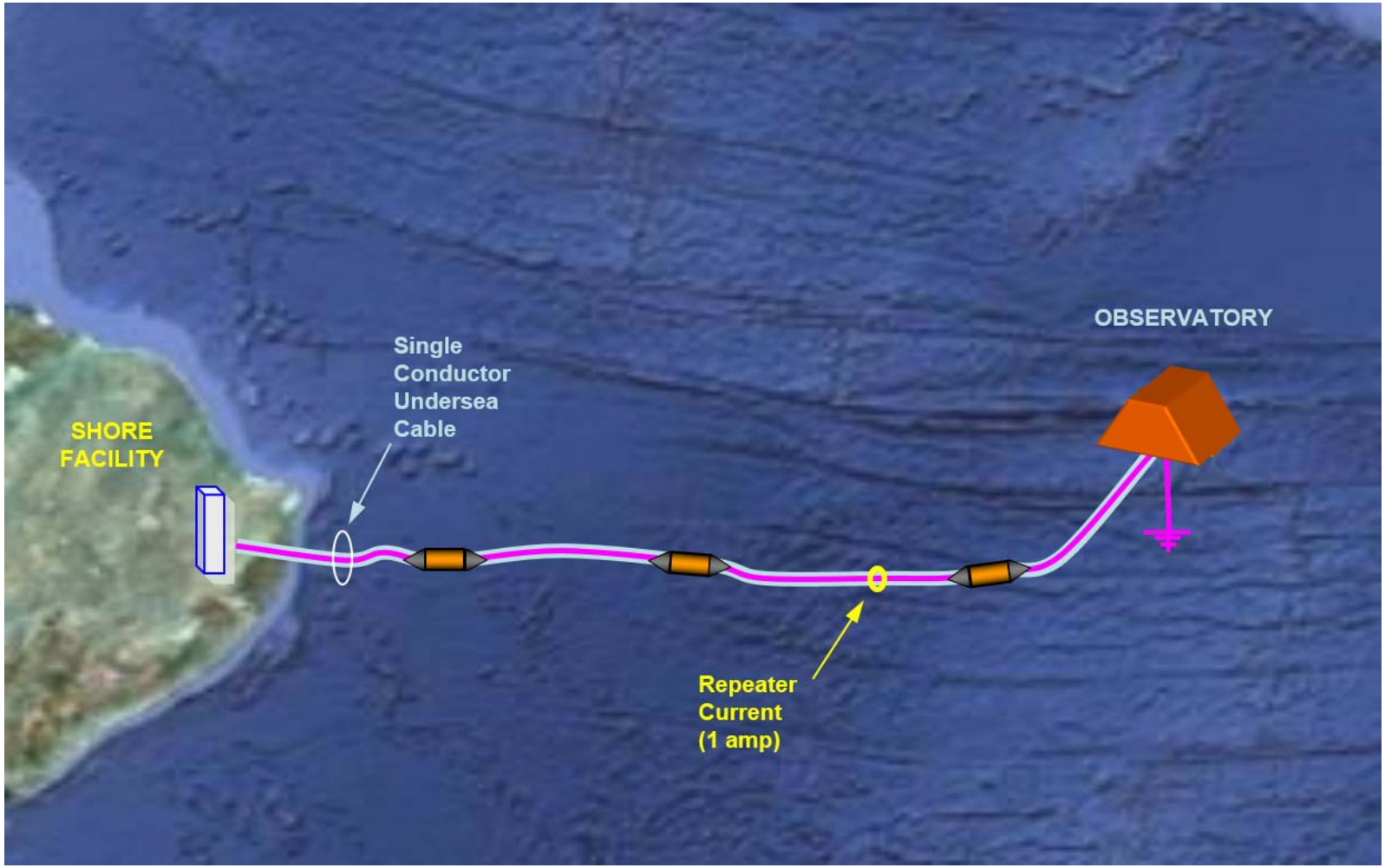


Undersea Branching Units

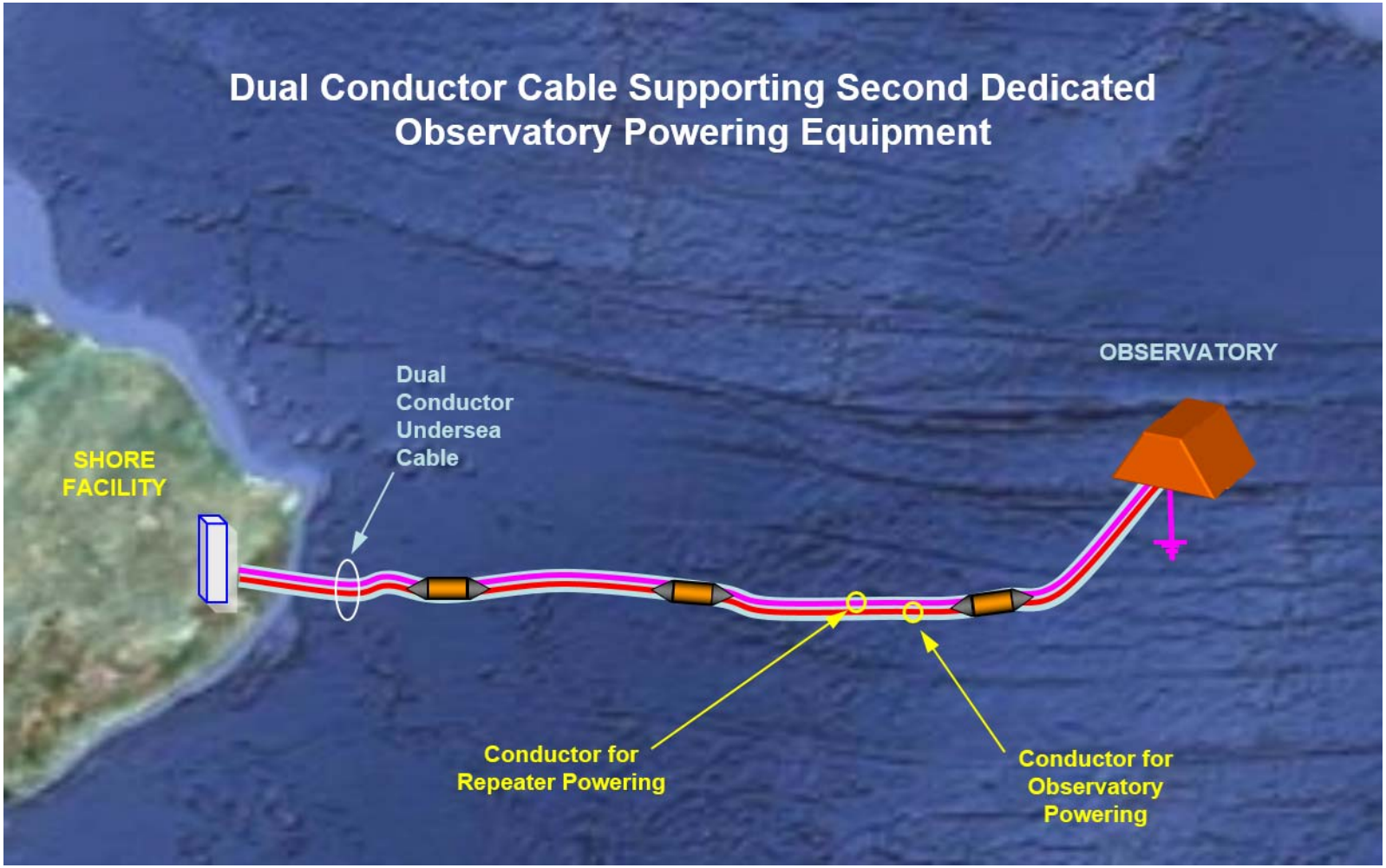


Undersea Fiber Distribution Canister

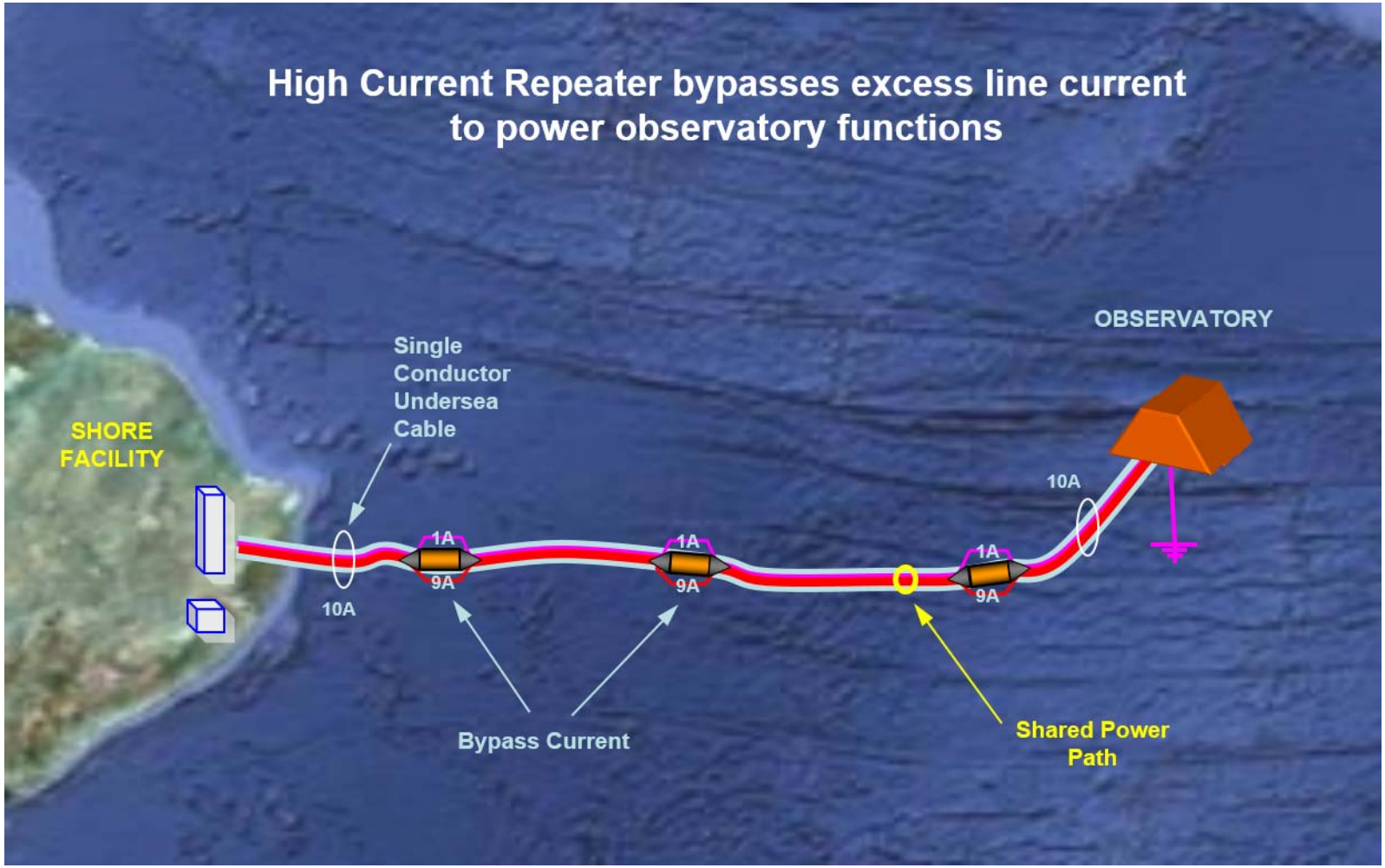
Network Opportunities - Single Conductor Cable



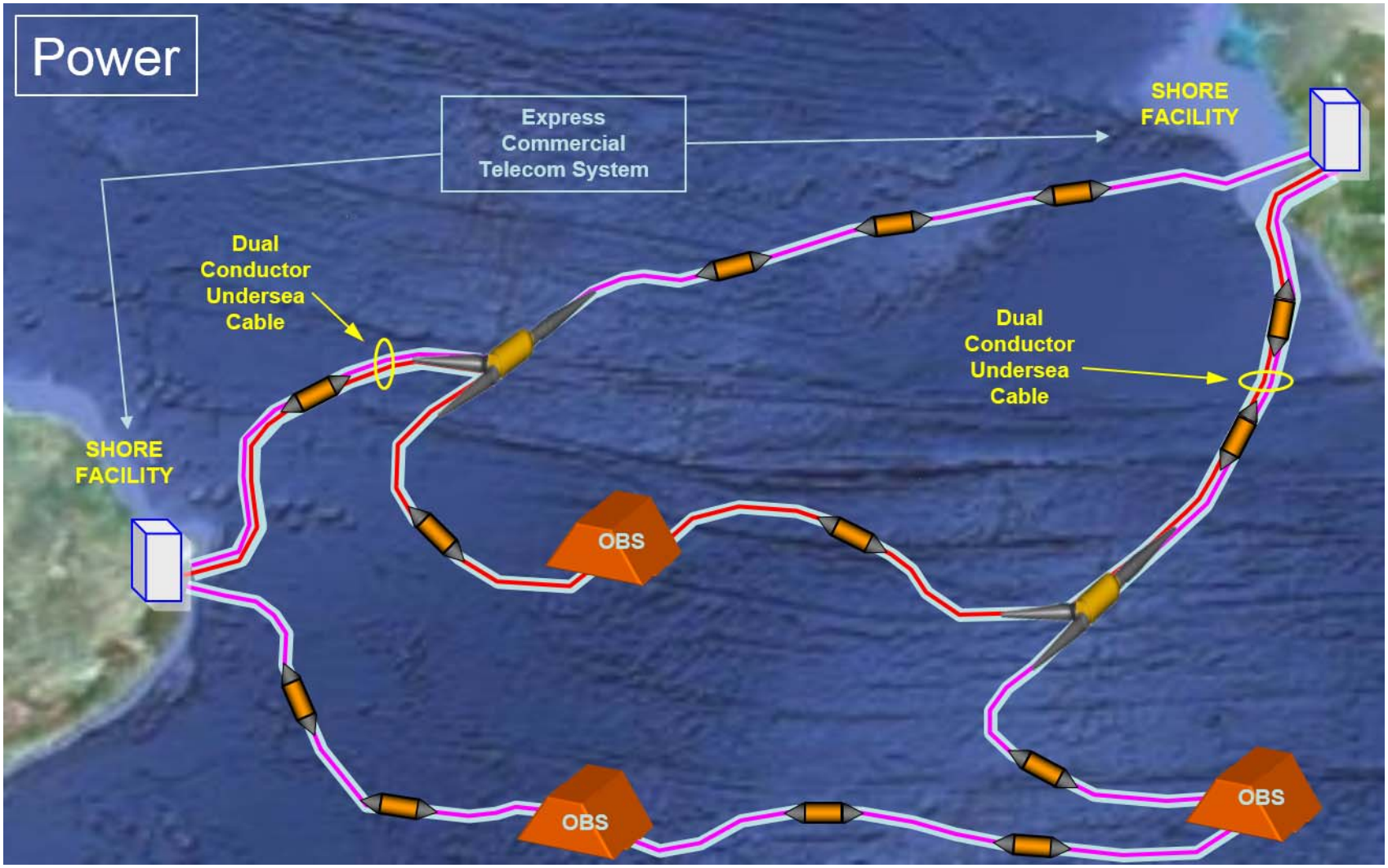
Network Opportunities - Dual Conductor Cable



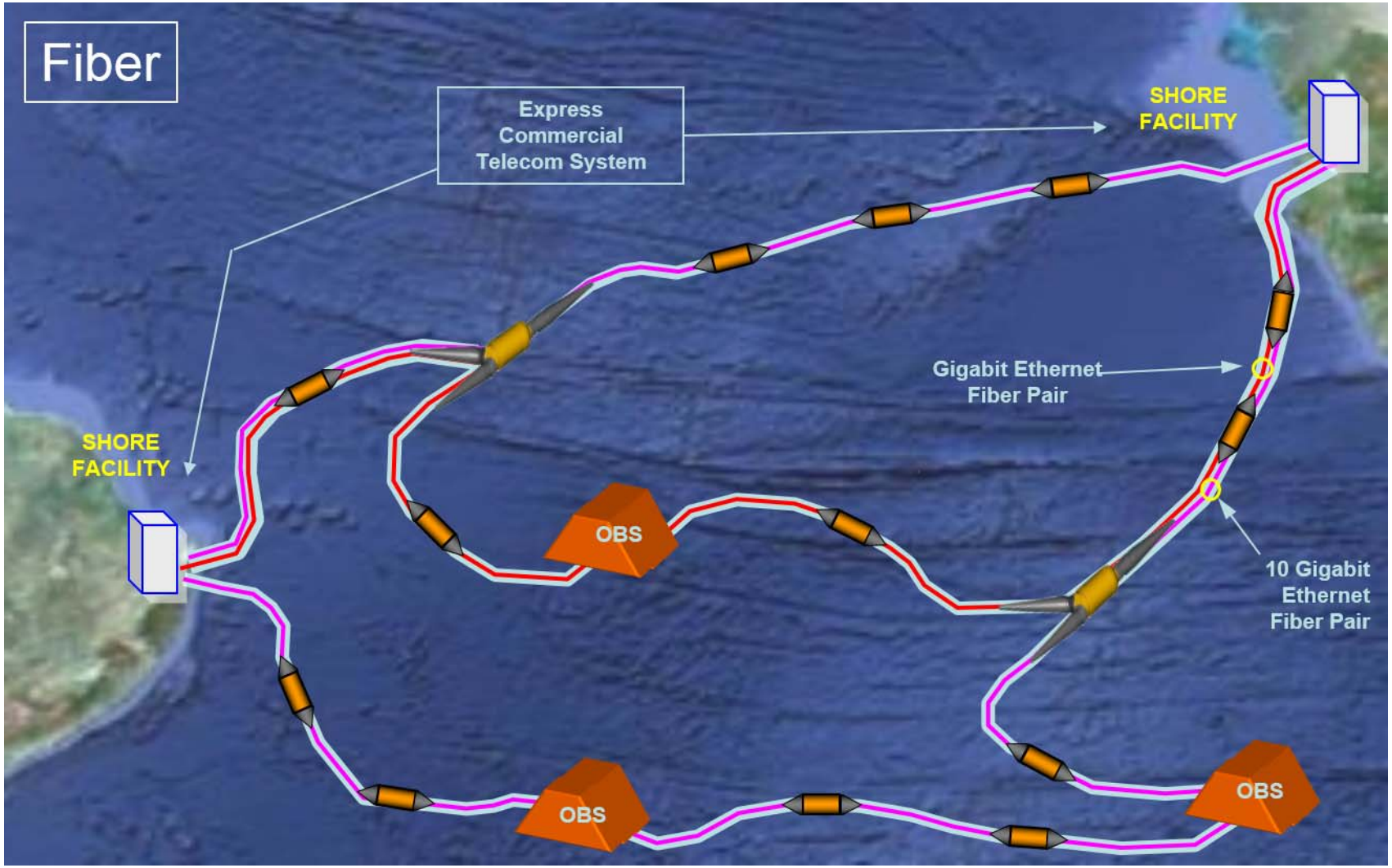
Network Opportunities - High Current Repeater



Mixed Network Opportunities with Multiple Amplifier Designs



Mixed Network Opportunities with Multiple Amplifier Designs



Summary

• Advanced Tools & Technology are available to provide solutions to data gathering on the bottom of the ocean

• TE Connectivity SubCom has qualified many of the equipment presented here and has used them on many systems around the world

• Recently several systems have been deployed using the latest Powering and Fiber Technologies : Dual Conductor Cables, Large Mode Field Diameter Fiber, etc.