WHY PRYSMIAN GROUP?

With nearly 140 years of experience, 82 factories, 17 R&D centres, and 21,000 employees in 50 countries, Prysmian is world leader in the energy and telecom cables and systems industry. And it’s the best possible choice for end-to-end solutions for submarine connections.

- Impressive track record in submarine interconnections, worldwide.
- Outstanding project management capabilities in design, manufacturing, installation and testing.
- State-of-the-art cable-laying fleet with deep water capabilities of up to 2,000 metres.
- Global master of innovation, nowhere more evident than in submarine solutions.
- Partner of choice for major international TSOs.

- World's widest and most comprehensive range of high tech solutions and burial tools.
- Innovative and tailor-made services for monitoring and maintenance.
- Capability and know how to develop top quality products with lowest environmental impact.
- Customise to customers delivers higher added value.
- First-rate standards of safety, and unparalleled reliability.

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TURNKEY TOTAL SYSTEM PROVIDER

Cable design optimisation

Repair

Engineering

Monitoring and Preventive Maintenance

Operations & Installations

Prysmian Group

Always on your business
A TURNKEY SOLUTION TO PROTECT YOUR BUSINESS

POWER LINK CABLE SOLUTIONS

The critical role performed by submarine cables in enabling power transmission via subsea interconnectors from offshore wind farms is threatened by an increasing risk of faults. Preventing these kinds of events, and being able to resolve them with the minimal downtime as possible, is crucial to TSO and offshore-facilities operators, who stand to suffer severe losses should cable failures occur. Prysmian Group has combined full monitoring capabilities with extensive maintenance services to create a unique and powerful solution. One that provides complete effective management of subsea cable faults – from detection to recovery – dramatically lowers downtime and significantly reduces costs.

A TURNKEY SOLUTION TO PROTECT YOUR BUSINESS

Power Link Cable Solutions: unmatched performances

Average repair time of subsea cable = 107 days

2019.2017 = 90 cable faults over €550 m insurance claims

*Source: The International Council on Large Electric Systems
**Source: Prysmian Group

AVERAGE SERVICE LEVEL

Prysmian's Power Link Cable Solutions AVERAGE SERVICE LEVEL

-50% TIME FOR REPAIR AND RECOVERY

Up to 40% LOSS REDUCTION

PREVENTIVE MAINTENANCE

Dedicated marine base, fully equipped for all needs. Preparation is key when providing effective and fast maintenance. That’s why Prysmian has established a base in Middlesbrough, UK, fully equipped with all that is needed for maintenance intervention, including spares storage and management.

- Multiple sheltered storage areas for cables and accessories.
- Easy access to the facility from sea, for easy loading/offloading of spares and equipment.
- Accessibility to service providers for VSO modems and for survey equipment services.
- A permanent engineering and offshored installation team ready to take care of the most challenging projects around the world.

PROMPT REACTION

Dedicated vessel can be ready on site in 10 days. Every single day of outage means costly losses. So, reducing downtime is key. Prysmian has the plan to react promptly, thanks to a dedicated fleet – a semi-mobilised DP vessel and deep-water barge – permanently on stand-by at its Middlesbrough marine base, located just 2-3 days from all main northern Europe offshore locations.

When a client notifies the Power Link Cable Solutions 24/7 call centre for operations in deep water, with cable repair/lay spread over 2-3 days, Prysmian can deploy the DP2 vessel and deep-water barge ready on site in just 5 days, in order to arrive at the required destination within an additional 2-3 days.

That means we are ready on site in no more than 10 days.

PERMANENT SURVEILLANCE

Damage prevention. Real-time fault detection.

Cable protection begins with comprehensive and continual surveillance of conditions. Power Link Cable Solutions offers a complete set of cloud-based asset monitoring systems, providing 24/7 remote monitoring of submarine cables and a full team of Prysmian specialists, capable of reading and interpreting any collected data. This service represents a revolution in asset management as it fundamentally transforms measurement and provides accurate and deep diagnostic information. It also includes programmed intervention to prevent any faults and system malfunctions. Additional specialist and installing surveys can verify the state of the system and rectify any possible issues that could lead to future cable faults.

Related links:

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- “Preparation is key when providing effective and fast maintenance.”
- “Dedicated vessel can be ready on site in 10 days.”
- “That means we are ready on site in no more than 10 days.”
- “PERMANENT SURVEILLANCE.”