

Nexans achieves world-record depth of 3,000 meters for MI HVDC subsea cable during deep-water sea trial

PRESS RELEASE

- Nexans successfully completes electrical testing and visual inspection of a 525kV MI HVDC cable with joint installed at a world-record depth of 3,000 meters during deep-water sea trial
- High-voltage testing performed 30% above typical industry standards, confirming robustness of the cable system
- Achievement builds on Nexans' 2,150-meter installation world record set on the Tyrrhenian Link project in December 2025

Paris, March 10, 2026 – Nexans, a global leader in the design and manufacturing of cable systems and services, has set a new world record by successfully installing and testing a 525kV mass-impregnated (MI) high-voltage direct current (HVDC) subsea cable at a depth of 3,000 meters during a deep-water sea trial.

During the offshore campaign, Nexans installed and tested a section of MI HVDC cable at 3,000 meters water depth. Following recovery of the cable with joint, comprehensive electrical testing and visual inspection confirmed the integrity of the cable system and its ability to perform under extreme deep-water conditions.

The post-trial high-voltage testing was conducted 30% above typical industry standards, further validating the robustness and reliability of the cable system. Visual inspection of the cable showed no remarks, confirming the system's integrity after installation and testing at this depth.

The sea trial was conducted as part of Nexans' work on the Great Sea Interconnector, a major subsea HVDC project connecting the electricity systems of Greece and Cyprus for the project developer IPTO.

This milestone further strengthens Nexans' expertise in deep-water MI HVDC technology, building on the [2,150-meter world-record installation depth achieved in December 2025 during the Tyrrhenian Link project in Italy](#).

"Reaching 3,000 meters sets a new benchmark for deep-water subsea power transmission," said Pascal Radue, Executive Vice President, PWR-Transmission at Nexans. "Combined with the 2,150-meter world-record installation achieved on the Tyrrhenian Link just months ago, this milestone demonstrates Nexans' unmatched experience in mass-impregnated HVDC technology. It reflects decades of engineering expertise and the exceptional capabilities of our teams, who continue to push the boundaries of what is technically possible in subsea power transmission."

About Nexans

Nexans is the global pure player in sustainable electrification, building the essential systems that power the world's transition to a connected, resilient, and low-carbon future. From offshore and onshore renewable energies to smart cities and homes, Nexans designs and delivers advanced cable solutions, accessories and services that electrify progress safely, efficiently, and sustainably.

With over 140 years of history, through three core businesses: PWR Transmission, PWR Grid, and PWR Connect, Nexans blends deep industry expertise with cutting-edge innovation to accelerate the energy transition, and better meet its customers' needs. Its unique E3 model, focused on Environment, Economy and Engagement, drives every action, aligning performance with purpose.

Nexans operates in 41 countries with 25,700 people and generated €6.1 billion in standard sales in 2025. Nexans is committed to Net-Zero emissions by 2050 aligned with the Science Based Targets initiative (SBTi) and expanding energy access through the Fondation Nexans.

Nexans is listed on Euronext Paris, Compartment A.

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