

PRESS RELEASE**RECORD BREAKING SUBMARINE CABLE INSTALLATION
AT 2,150 M WATER DEPTH****PRYSMIAN SUCCESSFULLY COMPLETES THE SEA TRIAL TESTS FOR A 500 kV
HVDC SUBMARINE CABLE IN ULTRA-DEEP WATERS**

Milan, 08 July 2024 - Prysmian, world leader in the energy and telecom cable systems industry, announces the successful completion of the sea trial tests for ultra-deep installation of a 500 kV HVDC MI¹ cable at 2,150 m water depth. This is an industry record breaking installation, as it is the first time an HVDC cable is laid at such a depth, setting new market standards.

This non-metallic armoured cable, which was designed with a composite material based on High Modulus Synthetic Fibres, shapes the new generation of cable technology. The use of an innovative armouring solution that in water can be 50% lighter than steel, combined with the state-of-the-art Leonardo da Vinci cable-laying vessel, will enable the installation and maintenance of Terna's Tyrrhenian Link at a water depth of more than 2,000 metres, the deepest ever reached with a power cable.

The success of the sea trials is the result of many laboratory tests and proves once more the solidity of Prysmian innovations. The same light weight armour technology had been in fact used in 2019 for the Evia – Andros-Tinos interconnection at a water depth of 550 m and in 2020 for the Crete-Peloponnese submarine interconnection project at 1,000 m.

The cable will be employed for the Tyrrhenian Link, a €1.7 billion project awarded in 2021 by Terna S.p.A. Under the contract, Prysmian will design, supply, and install a total of over 1,500 km of submarine cables to support the power exchange among Sardinia, Sicily and Campania, thus reinforcing the Mediterranean energy hub.

¹ High Voltage Direct Current Mass Impregnated.

Prysmian

Prysmian is a global cabling solutions provider leading the energy transition and digital transformation. By leveraging its wide geographical footprint and extensive product range, its track record of technological leadership and innovation, and a strong customer base, the company is well-placed to capitalise on its leading positions and win in new, growing markets. Prysmian's business strategy perfectly matches key market drivers by developing resilient, high-performing, sustainable and innovative cable solutions in the segments of Transmission, Power Grid, Electrification and Digital Solutions. Prysmian is a public company listed on the Italian Stock Exchange, with almost 150 years of experience, about 30,000 employees, 108 plants and 26 R&D centres in over 50 countries, and sales of over €15 billion in 2023.

For more info:

Cristina Bifulco
Chief Investor Relations, Sustainability
and Communication Officer
mariacristina.bifulco@prysmian.com

Jonathan Heywood
Media Relations & Marketing Director
jonathan.heywood@prysmian.com
mob +39.331.6573546