



PADTEC HOLDING S.A.
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NOTICE TO THE MARKET

The sub-fluvial network of the Norte Conectado program reaches record capacity in a section using Padtec's DWDM solution

Campinas/SP, May 02, 2023 – PADTEC HOLDING S.A. (B3: PDTC3) (“Company” or “Padtec”) informs that to expand access to broadband services in the Amazon region and promote digital inclusion, Norte Conectado, a program operated by a consortium of telecommunications companies under the Ministry of Communications (MCom), is building a high-capacity sub-river network in the northern region of Brazil. In the first phase of the program, Wire (wiretelecom.com.br), a brand that is part of Alloha Fibra (alloha.com), the largest independent optical fiber operator in Brazil and the third-largest fiber company in the country, is leading the consortium in the first phase of the program (Infovia 00) and has chosen Padtec's DWDM solution to increase the transmission capacity of the longest section of the sub-river network.

Over 300 kilometers long, this segment connects Macapá, the capital of Amapá state, to the city of Almerim in Pará state, via the bed of the Amazon River. The adoption of Padtec's 800 Gb/s transponder generation allowed for a record transmission capacity of 250 Gb/s per optical channel in this section of the network. "Before this, the maximum rate achieved was 200 Gb/s per optical channel. With this increase of 50 Gb/s, we brought high-capacity connectivity to more than 22,000 end customers, contributing to the digital and social inclusion of this location," says Rubens Costa, Network Manager at Wire. "In addition to the technical expertise to develop solutions that meet the networks demands, Padtec's technical support is an important differentiator for us. The company is always available to discuss and understand our needs and propose the most appropriate technical solution," he adds.

Aligned with international technology trends, Padtec's 800 Gb/s transponder line (up to 400 Gb/s per optical channel) offers high data transmission rates over short, medium, and long distances. "One of the technical differentials of this generation of transponders is the Coupled Mode functionality, which enables intermediate transmission rates, for example, 50, 150, and 250 Gb/s, and not just in windows of 100 Gb/s," explains Roberto Nakamura, Director of Technology at Padtec. "For our customers, this means more flexibility and lower cost per bit for expanding the capacity of their networks," concludes Nakamura.

"We are pleased to contribute, once again, to the advancement of connectivity in the North region of Brazil, with state-of-the-art DWDM equipment. After all, one of the great benefits of connectivity is the promotion of regional development by allowing effective integration between the different regions of the country and the world", emphasizes Carlos Raimar Schoeninger, CEO and Investor Relations Officer at Padtec.

About Padtec (padtec.com)

Padtec is a Brazilian multinational that aims to bring high-capacity connections to life throughout Brazil, the Americas, and worldwide. From the small town to the bustling metropolis. For every person, for every type of business. With more than two decades down the road, we are proud to know that we work side by side with our customers to offer services capable of bringing people together. It's this way that, breathing technology and collaborating, we get where no one else gets. We dare to use our knowledge to design new futures and accompany a world in constant evolution. This is our way to boost connections to create new realities.