



Wabtec Reduces Emissions at Port of Kiel in Germany with Shore Power Solutions

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- *ShoreCONNECT has potential to reduce carbon emissions by 12,000 tons annually*

PITTSBURGH--(BUSINESS WIRE)--Jun. 17, 2021-- Wabtec Corporation (NYSE: WAB) and the Port of Kiel celebrated the installation of a sustainable shore power solution to support cruise operators. ShoreCONNECT has potential to reduce nearly all emissions from cruise ships by providing shore power, while berthing at the port.

"The installation of our ShoreCONNECT solution will advance the port's sustainability efforts," said Olivier Kompaore, Vice President Power Collection for Wabtec. "A large cruise ship typically burns through 30,000 liters of diesel every 8-10 hours it spends at port. ShoreCONNECT provides cruise operators a clean, alternative power source while berthing, which reduces operating costs, emissions and noise."

The ShoreCONNECT mobile carrier system is a flexible solution that connects electrical power to vessels at port, eliminating the need to use diesel. This approach reduces fuel consumption and carbon emission drastically. It also provides an important reduction in noise and vibrations as the engines will be turned off while the vessels will be connected to ShoreCONNECT.

"The Ports of Kiel and the Port of Rostock are focused on running progressive, sustainable operations," said Kompaore. "These ShoreCONNECT installations will position them to help address the required 40-percent reduction in CO₂ emissions from ships by 2030 and support the local sulfur emission control area established in the Baltic region."

The solution at Kiel connects one vessel to shore power with up to 16 MVA High Voltage, self-propelled, zero-emission vehicle. ShoreCONNECT is also installed Kiel's at ferry terminal. Both conform to the ISO standard IEC 80005-1.

The system can meet the full shore-power needs of large vessels. It also enables fast handling by a single operator and features a fully automated tidal-range compensation.

About Wabtec

Wabtec Corporation (NYSE: WAB) is focused on creating transportation solutions that move and improve the world. The company is a leading global provider of equipment, systems, digital solutions and value-added services for the freight and transit rail industries, as well as the mining, marine and industrial markets. Wabtec has been a leader in the rail industry for over 150 years and has a vision to achieve a zero-emission rail system in the U.S. and worldwide. The company has approximately 27,000 employees located at facilities in 50 countries throughout the world. Visit Wabtec's new website at: www.wabteccorp.com.

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