
TRADE PRESS RELEASE, ZURICH, SWITZERLAND, JUNE 26, 2018

ABB wins orders for train equipment to meet rail demands in Europe and Brazil

ABB traction technology to strengthen and improve rail operator's efficiency and quality of service

ABB has won orders from Swiss train manufacturer Stadler to enable sustainable transit in Switzerland, UK, Norway, Italy and Brazil. The orders were booked in the first quarter of 2018.

The latest ABB traction converters with integrated onboard power supplies and traction transformers will be installed in over 100 Stadler trains for urban and regional routes. The new modern fleets equipped with ABB technology will enable rail operators to operate more efficiently including adding more frequent service to accommodate the increasing ridership. ABB's more compact, lighter traction technology brings more efficient operation as well as increased space and better passenger experience.

"We are pleased that our long-term partnership with Stadler continues with these orders," said Edgar Keller, General Manager for ABB's Global Product Group Traction. "Our collaboration with Stadler combining extensive industry expertise and the latest technological innovations will ensure reliable and efficient rail operation in Europe and Brazil."

The orders include ABB traction technology for 16 regional trains for the Norwegian State Railways (NSB) following earlier orders of traction equipment for 107 Stadler's newest generation FLIRT (Fast Light Intercity and Regional Train) train sets. The customized traction converters and traction transformers excel in lightweight design and increased energy efficiency.

In Switzerland, the order includes the latest generation traction converters and traction transformers installed on the new innovative FLIRT trains for the Swiss operators Schweizerische Südostbahn (SOB) and Swiss Federal Railways (SBB). 11 new ABB-powered train sets will be used on the scenic, original Gotthard line connecting Basel and Zurich to Locarno and Lugano. Further 14 FLIRT trains with ABB equipment will operate on the RER Vaud (Réseau Express Régional Vaudois) network in the region of Lausanne and 5 new FLIRT trains with multi-system traction equipment will be delivered for the network Ticino-Lombardia (TILO) for cross-border service between Switzerland and Italy. Traction converters for a diesel-electric train for Ferrovie Appulo Lucane (FAL) in Italy are also included in the order. ABB traction technology is already successfully deployed in SOB, SBB and FAL's existing rail fleet.

Additionally, underfloor mounted traction converters with integrated onboard power supplies for 52 new metro trains on the Merseyrail network in the Liverpool City region, United Kingdom will enable better acceleration, more passenger space and better reliability. Other transportation authorities that will receive equipment in this order are Brazil's Trem do Corcovado. The existing veteran rolling stock to the world famous summit of the Corcovado will be replaced with three modern tailor-made rack rail vehicles with energy efficient traction equipment. The new ABB powered trains offer their passengers a modernized and comfortable journey to Rio de Janeiro's most famous landmark visited by more than 2.2 million visitors per year.

ABB has a long history of providing innovative and energy-efficient technologies to the rail sector, manufacturing and servicing all components and sub-systems in urban, intercity and high-speed networks for rail infrastructure and rolling stock. ABB also provides life cycle service support, including maintenance and retrofit for its large global installed base.

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products. As title partner of Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 135,000 employees. www.abb.com

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