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Alstom and Bombardier to supply 83 regional trains to the urban transport network of Stuttgart in Germany

Deutsche Bahn Regio AG has placed an order totalling €412 million with Alstom and Bombardier for 83 new regional EMU¹ trains. Alstom's share of this contract is €112 million. The trains will serve the 6 lines of the Stuttgart city and suburban rail network, carrying around 330,000 passengers every day. Manufacturing will take place in Alstom's factory in Salzgitter and Bombardier's Hennigsdorf facility, both located in Germany, with delivery scheduled between February and December 2012.

Designed in close cooperation with Stuttgart's urban rail operator, the ET 430 trains will each comprise 4 cars with a carrying capacity of up to 494 passengers per train. The maximum speed of 140 km/h and the acceleration and braking performance of the electrical multiple units will help to increase service frequency. Each train will feature 24 automatic doors and a set of gap bridges to help passengers board and alight, while the wide central aisles will facilitate movement within and between cars. In addition to onboard screens providing users with live rail traffic updates, excellent visibility and four surveillance cameras within each car will ensure passenger safety.

Eco-friendly technologies have also been brought on board, with regenerative brakes that allow braking energy to be recovered and fed back into the electric power network. The energy consumption of the new trains will be about 40% less than the recent vehicles. Similarly, heat released by components such as the transformer and converter will be used to heat the cars, which will generate significant cost savings. The trains have been designed in accordance with the latest European standards for interoperability, accessibility and safety in tunnels. They also meet current passive safety requirements.

"We would like to offer to our customers best services by consistently investing in modern, reliable and energy-efficient vehicles, declared Dr. Lutz Bucken, responsible for procurements of Deutsche Bahn. The DB will remain one of the largest customers of the industry, whose offers will also guarantee jobs in the future."

"Deutsche Bahn has selected a range of modern, tried and tested trains by awarding this new contract to us and we are delighted to be contributing to the improvement of transport services in the city of Stuttgart and its suburbs", said Dr. Martin Lange, managing director of Alstom Transport in Germany.

¹ Electrical Multiple Unit

"The client asked us to provide trains combining advanced technologies with excellent passenger capacities. The ET 430 will provide commuters with an environmentally friendly, comfortable and safe means of transport that meets the local transport requirements of tomorrow", added Stephan Krenz, President Business Unit Germany & Scandinavia and Managing Director Germany von Bombardier Transportation.

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