

## **Bombardier to enhance communication systems on the MOVIA metro fleet for Singapore's Downtown Mass Rapid Transit line**

- **New digital onboard communication systems will enhance commuters' travel experience and increase system performance on the MRT line**
- **This contract reflects Bombardier's pioneering technology advances in optimizing and upgrading trains**

**Berlin, September 3, 2020** – Global rail technology leader Bombardier Transportation announced today that it will upgrade the communication systems on 92 three-car *BOMBARDIER MOVIA* metro trainsets for Singapore's Downtown Mass Rapid Transit line (DTL), as part of the Land Transport Authority's (LTA) line extension plan. The upgrade will include digitalizing the Dynamic Route Map Display (DRMD) from LED to LCD to improve the travelling experience for commuters, installing a Train Control Monitoring System (TCMS) and Automatic Track Inspection (ATI) system software update to increase system performance, and other communication tools will also be enhanced.

"This new contract to boost the performance and functionality of the *MOVIA* metro fleet on Singapore's Downtown line is testament to Bombardier's pioneering technology advances in train optimization and upgrades for our customers. Singapore has always been a showcase for Bombardier's innovative mobility solutions, from driverless technologies to TCMS methodologies. We are proud to continue supporting Singapore's rail network expansion," said Jayaram Naidu, President of Southeast Asia region, Bombardier Transportation.

The fleet of 92 driverless *MOVIA* metro trains was delivered to the DTL between 2013 and 2017. The trains operate underground on one of the world's longest driverless MRT systems which is 42 km long, serves 34 stations and connects commuters to the city every day. With this upgrade contract, DTL commuters will benefit from advanced passenger information systems including the Train-borne Travel Information System (TTIS), Automatic Train Announcement System (ATAS) and Events Recorder (EVR).

Bombardier has been a trusted local partner to Singapore for more than 20 years and continues to provide a range of solutions for the city state's mobility needs. In addition to the DTL metro contract, in 2018 Bombardier was awarded a contract to supply 396 new *MOVIA* metro cars for Singapore's high-capacity North-South and East-West MRT lines, which will bring the number of *MOVIA* cars in Singapore to 672, making it one of Bombardier's largest metro fleets in the world.

## **About Bombardier Transportation**

Bombardier Transportation is a global mobility solution provider leading the way with the rail industry's broadest portfolio. It covers the full spectrum of solutions, ranging from trains to sub-systems and signalling to complete turnkey transport systems, e-mobility technology and data-driven maintenance services. Combining technology and performance with empathy, Bombardier Transportation continuously breaks new ground in sustainable mobility by providing integrated solutions that create substantial benefits for operators, passengers and the environment. Headquartered in Berlin, Germany, Bombardier Transportation employs around 36,000 people and its products and services operate in over 60 countries.

## **About Bombardier**

With nearly 60,000 employees across two business segments, Bombardier is a global leader in the transportation industry, creating innovative and game-changing planes and trains. Our products and services provide world-class transportation experiences that set new standards in passenger comfort, energy efficiency, reliability and safety.

Headquartered in Montréal, Canada, Bombardier has production and engineering sites in over 25 countries across the segments of Aviation and Transportation. Bombardier shares are traded on the Toronto Stock Exchange (BBD). In the fiscal year ended December 31, 2019, Bombardier posted revenues of \$15.8 billion. News and information are available at [bombardier.com](http://bombardier.com) or follow us on Twitter [@Bombardier](https://twitter.com/Bombardier).

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