



MEDIA RELEASE

MEDIA TOUR OF THE MOCK-UP MRT TRAIN FOR THE KLANG VALLEY MRT SUNGAI BULOH-KAJANG LINE

Mock-up open to public at KL Sentral until May 2014

Kuala Lumpur, 17 March 2014: Mass Rapid Transit Corporation Sdn Bhd (MRT Corp) today held a media tour of a life-size mock-up of the MRT train which will be used on the MRT Sungai Buloh-Kajang Line.

Located at the KLIA Ekspres Arrival Hall at KL Sentral, the mock-up, which replicates half a car of the train complete with its face, resembles the actual MRT train in design, colour and interior layout.

The public can visit the mock-up everyday starting from today till 18 May 2014. The mock-up will be open between 9am and 9pm everyday.

The MRT trains will be supplied by Siemens AG of Germany and will have four cars. Each car can carry around 300 people. A total of 58 trains will be used for the MRT Sungai Buloh-Kajang Line, allowing a frequency of one train every 3.5 minutes during peak hours.

The trains are driverless and apply a state-of-the-art automation system.

The design of the train, called "The Guiding Light" is inspired by the dynamism, elegance and technological progress of Kuala Lumpur and the train's features make references to the symbolic architecture of Malaysia's capital. It was designed by DesignworksUSA, a subsidiary of the BMW Group.

The assembly of the mock train was a collaboration effort between MRT Corp and Siemens.

MRT Corp Director of Strategic Communications and Public Relations, En Amir Mahmood Razak said the mock train was the best way to introduce the future modern urban rail system which the people of the Klang Valley will get to enjoy in 2017.

"Trains are the most important touch point for the public. Commuters will spend more time on trains than in any other component of a rail service. This is why MRT Corp wanted the public to be able to get a feel of our trains before the actual trains begin running," he said.

En Amir said different components of the train will be manufactured in different countries as well as in Malaysia.

"These components will be assembled in a plant located in Rasa, Hulu Selangor by SMH Rail Sdn Bhd under close supervision by Siemens. This is the first train assembly plant in Malaysia," he explained.

"Full-size mock-ups of technical designs are important as it offers people a real-life impression and experience of the design. This particular mock-up has come halfway around the world - it was built in Germany, then disassembled and shipped to Malaysia before being reassembled again here at KL Sentral," said Ms. Sandra Gott-Karlbauer, Chief Executive Officer of Urban Transport, Rail Systems Division of Siemens AG.

"The Guiding Light is based on our innovative Inspiro metro platform. Its highly flexible design is modular, allowing it to be adapted to the specific needs and requirements – as in this case. Its overall design is not only attractive, but offers many key technical advantages. For example, its light weight stainless steel car bodies and weight-optimized components – like bogies – substantially reduce energy costs. The trains have high-efficiency traction and train control systems. Just as important for the operator, the design substantially reduces maintenance costs over the vehicle lifecycle," she added.

"We are truly honoured to be part of this highly prestigious project and we are thankful for the trust by MRT Corp for Siemens to provide the trains for this premier line. We are proud to be part of this project and we are convinced that MRT Corp can be proud of these modern and state-of-the-art vehicles."

The engineering design considers the most demanding international standards, e.g. latest methods for the car body strength & crashworthiness design and application of the most stringent fire protection standards for material selection. The train will be built with enhanced safety and security features. For example, the train's interior and exterior finishes are non-flammable and non-toxic.

The MRT train is also environmentally friendly. It is light weight, energy efficient, sustainable, easy to maintain. The train will reduce greenhouse gas emissions of a passenger significantly compared with travelling by car.

When operational, the MRT train will have a maximum speed of about 100km per hour but will only travel at an average speed of about 40km per hour.

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About the MRT Project

MRT is a new rail transport system for the Klang Valley. It is part of the government's Greater Kuala Lumpur/Klang Valley's National Key Economic Area (NKEA), under the Economic Transformation Programme. The Sungai Buloh – Kajang (SBK) Line runs for 51kms, from the north-west town of Sg Buloh to the south-east city town of Kajang. Upon completion, it will comprise 31 stations, and serve 1.2 million people along the route. It will also have strategic integration with KL's existing rail transport network, namely the LRT, Monorail and KTM Komuter, as well as intra and inter-city bus routes. The end result will be better connectivity for KL and its surrounding cities, while reducing the number of cars that enter the capital.

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