

## 新聞稿

### Press Release

PR020/24  
11 April 2024

#### **MTR Initiates Asset Renewal for the Disneyland Resort Line New Battery-driven Trains Equipped with New Signalling System Collaborating with HK Disneyland on Train Design**

Since the opening of the MTR Disneyland Resort Line in 2005, it has been providing convenient and efficient railway services for the local community and tourists travelling to and from the Hong Kong Disneyland. The Corporation announces today (11 April 2024) an asset renewal plan for the Disneyland Resort Line, which includes purchasing three new 4-car trains equipped with advanced battery-driven systems and replacing the signalling system. The new trains and new signalling system are targeted to be brought into operation in 2028.

The asset renewal project marks the introduction of trains with advanced battery-driven functions for MTR. The new trains can be powered to run without getting electricity from the overhead line upon charging, and can also operate with power supplied from the existing overhead line. The relevant functions provide flexibility for MTR to design train operations in future. The existing trains operating on the Disneyland Resort Line have adopted fully automatic operation. Both the exterior and interior design of the trains, as well as decorations, all feature Disney themes. MTR Corporation will once again work with Hong Kong Disneyland Resort on the design of the new trains, incorporating Disney-themed elements to create a magical journey for passengers. The Corporation continues to put resources into the renewal and maintenance of railway assets to ensure the railway system is kept in prime condition, while also introducing advanced technology to enhance operational efficiency and customer experience. The Corporation envisions that with the upgrade and renewal of train technology and design, the Disneyland Resort Line will serve passengers with a brand-new look after 2028.

The fleet of Disneyland Resort Line consists of three 4-car trains. The current trains were modified and upgraded from urban line trains (commonly known as M-trains), which were put into service in 1994-95. The signalling system of the Disneyland Resort Line has also been in use for nearly 20 years. The Corporation will procure new trains from CRRC Qingdao Sifang Co., Ltd., while the new signalling system will be supplied by Traffic Control Technology Co., Ltd. based on the "Communications-based Train Control" technology which is now commonly used in the industry, and also adopting the new and advanced "train-to-train" communication technology.

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“We look forward to applying new technologies including artificial intelligence in this comprehensive asset renewal project of the Disneyland Resort Line to create more favorable conditions for future railway facilities, operations and maintenance, and passenger experience. As the replacement of trains and the signalling system are both complex works, we will implement the projects prudently and gradually, and carry out the relevant testing, safety verification and inspections in a stringent and orderly manner. Various tests and fine-tuning in accordance with international standards will also be conducted and the new trains and signalling system will be put into service upon the approval from relevant government departments,” said Dr Tony Lee, Operations and Innovation Director of MTR Corporation.

MTR has always been committed to providing passengers with safe, reliable and high-quality railway service. The Corporation continuously makes substantial investment to ensure the railway system is kept in prime condition. Over the five-year period from 2023 to 2027, the Corporation will put in over HK\$ 65 billion in railway asset renewal and maintenance. Various MTR lines have been replacing their trains and signalling systems over the past few years in light of the development of local railway network and life cycle of railway assets. The Corporation has formulated forward-looking railway asset renewal programmes to ensure the systems are fit for future operational needs and, to “keep cities moving”.

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#### About MTR Corporation

To Keep Cities Moving, MTR makes encounters happen and rendezvous for a more connected tomorrow. As a recognised world-class operator of sustainable rail transport services, we are a leader in safety, reliability, customer service and efficiency.

MTR has extensive end-to-end railway expertise with 45 years of railway projects experience from design to planning and construction through to commissioning, maintenance and operations. Going beyond railway delivery and operation, MTR also creates and manages dynamic communities around its network through seamless integration of rail, commercial and property development.

With more than 50,000 dedicated staff\*, MTR carries over 10 million passenger journeys worldwide every weekday in Hong Kong, Mainland China, Australia, the United Kingdom and Sweden. Together, we Go Smart and Go Beyond.

For more information about MTR Corporation, please visit [www.mtr.com.hk](http://www.mtr.com.hk).

\*includes our subsidiaries, associates and joint ventures in Hong Kong and worldwide