

新聞稿

Press Release

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New Signalling System for MTR Tsuen Wan Line Begins On-site Train Test Phase Asset Renewal for Urban Lines Signalling System Being Implemented Progressively

Signalling replacement for urban lines is a key asset upgrade of MTR Corporation, and preliminary on-site train tests for the new signalling system will commence on the Tsuen Wan Line during non-traffic hours tomorrow (6 June 2024) to prepare for the future implementation of the new system.

The on-site train tests will be carried out during non-traffic hours and one train will be used for small-scale testing on part of the Tsuen Wan Line during the preliminary phase. The scope of testing will later be extended to the full line and the number of trains for testing will be gradually increased. Before on-site train tests commence, the Corporation has been using the "signalling system simulator" specifically designed for the project to simulate various scenarios for testing. Static and dynamic train tests using the new signalling system have also been carried out in the depot since the end of last year. The results of these tests have met the requirements for proceeding with on-site train tests.

"Works for signalling replacement have been progressing in a safe and orderly manner. The objective for the on-site train tests about to commence is to evaluate the actual operational performance of the system and identify areas that require adjustment or enhancement. This ensures the new system will be able to comply with the stringent requirements of MTR and meet international standards when it is put into service in future. The team will also closely monitor the testing process with the aim of ensuring the tests do not affect train service during the day," said Dr Tony Lee, Operations and Innovation Director of MTR Corporation.

With on-site train tests progressing as planned, the new signalling system will only be put into service after it is confirmed safe and sound to operate by relevant government departments. The Corporation plans to fully implement the new signalling system on the Tsuen Wan Line during 2025 – 2026 as scheduled, followed by implementation on the Island Line, Kwun Tong Line and Tseung Kwan O Line with overall project completion expected during 2028 – 2029.

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MTR is 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, enhancement and maintenance. Large-scale asset renewal projects include new trains and signalling systems for urban lines and the Disneyland Resort Line, as well as the renewal of power supply systems, chiller plants and railway assets in tunnels for some of the railway lines.

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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.

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

Photo Caption:

1. Before on-site train tests commence, staff from MTR Corporation and the contractor have carried out static and dynamic train tests using a train equipped with the new signalling system in Tsuen Wan Depot. The results of these tests have met the requirements for proceeding with on-site train tests.



2. MTR and contractor staff have been using the "signalling system simulator" specifically designed for the signalling replacement project for urban lines to simulate various scenarios for testing.

