

新聞稿

Press Release

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New MTR Trains to Commence Passenger Service on Kwun Tong Line Record High Investment in Replacing Trains to Enhance Service

The MTR Corporation announced today (22 Nov 2022) that the first new eight-car train will commence service from this Sunday (27 Nov 2022) on the Kwun Tong Line, gradually replacing the first generation of urban lines trains that have served Hong Kong since 1979 to provide passengers with better travelling experience.

As the first new train has been confirmed by the government that it is safe and sound to operate, the new train fleet will be gradually put into service on Kwun Tong Line, following the arriving schedule of the new trains. It will be subsequently put into service on the Island Line, Tsuen Wan Line and Tseung Kwan O Line in an orderly manner.

MTR Urban lines trains have served Hong Kong for more than 40 years since the opening of the Kwun Tong Line. MTR strives to uphold stringent maintenance and asset renewal regime and has been committed to providing efficient and high-quality railway services. With the trains gradually reaching the end of their asset life and the railway system entering the asset renewal cycle, the Corporation has earlier purchased 93 new trains to replace the existing trains. The new trains are now gradually being delivered to Hong Kong. The new trains will bring more a pleasant travelling experience to passengers, while the reliability of train operations will be enhanced. Six enhancements of the new trains include:

1. Some of the draught screens near train doors have been moved slightly towards the middle of train compartments to allow more space for passengers to board and alight from the trains more smoothly;
2. More handrails including grab poles with split pole design and straphangers;
3. More comfortable seats with an ergonomic design and backrest added;
4. Dynamic route maps providing more train service information;
5. Full LED lighting which makes train compartments brighter and more environmentally friendly; and
6. "Smart servers" on trains which enable real-time remote monitoring of critical components during train operations, and big data analysis for enhanced preventive maintenance of the trains

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"The first generation of MTR trains on urban lines have been serving Hong Kong people tirelessly for more than four decades. The Corporation placed an order to purchase 93 new trains a few years ago which was the largest investment in rolling stock for MTR. We took the opportunity to enhance the train design, including providing facilities to enhance passengers' travelling experience, and to add smart features to the new trains, enhancing the reliability of train operations," said Ms Jeny Yeung, Hong Kong Transport Services Director of MTR Corporation.

The new trains are equipped with signalling equipment for operating under the existing signalling system and will also be able to accommodate the new signalling system when the signalling replacement project is completed.

The signalling replacement is another important project of MTR's asset renewal. Whilst the hardware installation work of the project is progressing well, the Corporation has reviewed the overall progress of the project. We have adopted a revised technical proposal for the software development - by using the core software product and configurations of the new signalling system, while arranging a suitable amount of customised functions essential to MTR operations.

"The revised software proposal fully meets the Corporation's stringent safety standards and operational needs. Besides ensuring the safety and reliability of the new signalling system, the proposal is also technically better and can bring greater certainty to the project programme. When the project is completed, train services of the urban lines can be enhanced to increase overall carrying capacity, meeting long term operational needs." said Dr Tony Lee, Operations Director of MTR Corporation.

The Corporation will push forward the software development of the new signalling system, including repeated verifications and tests, as well as use the newly developed "Signalling System Simulator" to simulate different scenarios for testing, and conducting on-site train tests. After meeting the requirements of the relevant government departments, the new signalling system will be put into operation. It is expected to commence service on the Tsuen Wan Line between 2025 and 2026, followed by implementation on the Island Line, Kwun Tong Line and Tseung Kwan O Line with overall project completion expected between 2028 and 2029.

The Corporation will continue to make use of innovative technology to move forward with smart train operations and maintenance, enhancing the reliability and efficiency of train service and providing more comfortable journeys to passengers.

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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 more than 40 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 40,000 dedicated staff*, MTR carries over 13 million passenger journeys worldwide every weekday in Hong Kong, the United Kingdom, Sweden, Australia and Mainland China. 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 captions:

1. Ms Jeny Yeung, Hong Kong Transport Services Director and Dr Tony Lee, Operations Director of MTR Corporation announce today that new trains for urban lines will commence service on the Kwun Tong Line starting from this Sunday (27 Nov 2022).



Annex

Six Enhancements of New Trains for Urban Lines

1. Smooth train boarding and alighting

- Some of the draught screens near train doors move slightly towards middle of train compartments to allow more space for passengers getting on and off trains



2. More grab poles and straphangers

- Grab poles with split pole design
- Number of straphangers per train car increases from 24 – 27 for first-generation trains to 64 on new trains, making it easier for standing passengers to hold onto straphangers



3. More comfortable seats with ergonomic design

- Backrest for better support to passengers
- Enhance perch seat in multi-purpose area



4. Brighter and more harmonised environment with full LED lighting, and more environmentally-friendly

- Full adoption of LED lighting for brighter and more harmonised environment
- Feature light added near train doors for brighter environment and easier recognition of doorway for passengers



5. Dynamic Route Map providing more train service information

- Provides more information including route of train, travelling direction, doors' opening side, current and next stations, etc. as well as information about train service such as those during special circumstances



6. Smart features enhancing train operations and maintenance

- "Smart server" sends real-time data of critical train components including train doors, pantographs and brake system while travelling, enabling remote monitoring of train operations, as well as big data analysis for enhanced preventive maintenance

