



Ref.: 20180906

Technical Forum: Application of CBTC Technology to mixed Metro and Light Rail operation

Abstract:

China Railway Signal and Communication (CRSC) Research & Design Institute (USA) Inc. responses to the San Francisco Municipal Transportation Agency (SFMTA) Request for Information (RFI) for the LRV Signaling and Train Control Upgrade Program, to offer comments regarding the outline of scope of work and provide a high level estimation of budgetary for the cost of completing what is defined in the scope of work.

CRSC proposes the deployment of the FZL 300 CBTC system to replace the Thales Seltrac System in the Subway Section and the use of our FZL 300 Lite CBTC system for the surface section. The beauty of this solution being both systems have same onboard equipment but the 300 Lite system does not require traditional train detection systems like Track Circuits or Axle Counters making installation on paved tracks not a problem. These two systems have no handover issues.

This is an innovative application of CBTC technology to a mixed metro and light rail operation

Speaker: **Mr. PANG Kwok Wai**
Chairman, Institution of Railway Signal Engineers Hong Kong

Date: **18th September 2018 (Tuesday)**

Time: **18:15 hrs. to 19:15 hrs.**
(Reception and refreshment at 18:00 hrs)

Venue: MTR Assembly Hall, 8/F., MTRHQs Building,
Telford Plaza, Kowloon Bay, Kowloon.

Language: English & Chinese





IRSE ///
Institution of Railway Signal Engineers
HONG KONG SECTION

Institution of Railway Signal Engineers
Hong Kong Section
10/F, MTR Headquarters Building,
Telford Plaza, Kowloon Bay,
Kowloon,
Hong Kong.

Fees: Free of charge

Registration: *Prior registration is required.* Applications will be accepted on a *first-come-first-served basis*. Successful applicants will be notified by separate e-mail.

All IRSE(HK) members must make registration via the IRSE(HK) website.

URL: http://irse.org.hk/new/activity_viewall.php

MTR staff can make their applications by sending e-mail to **Mr. CHEUNG Pan Yeung** at E-mail: pycheung@mtr.com.hk.

Special remarks: For security reason, IRSE(HK) members of non-MTR staff must make registration via the IRSE(HK) website.

Deadline of Application: **15th September 2018 (Saturday)**

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All IRSE(HK) members and MTR Staff are welcome

