

128
80

भारत सरकार/GOVERNMENT OF INDIA
रेल मंत्रालय/MINISTRY OF RAILWAYS
रेलवे बोर्ड (RAILWAY BOARD)

No. 2019/SIG/17/36/ETCS L-2

Dated: 04.12.2019

PCSTEs,
All Indian Railways.

Sub: Inter-Operability of TCAS and ETCS Level-2 ATP Systems.

With reference to the above mentioned subject, copy of Board's letter of even number dated 13.11.2019 to Director General, RDSO is enclosed herewith for information and necessary action please.

Encl: As above (1 page)


(Anshul Gupta)

Principal Executive Director/Signal

129
8/

भारत सरकार/GOVERNMENT OF INDIA
रेल मंत्रालय/MINISTRY OF RAILWAYS
रेलवे बोर्ड (RAILWAY BOARD)

No. 2019/SIG/17/36/ETCS L-2

Dated: 13.11.2019

Director General,
RDSO,
Manak Nagar, Lucknow.

Sub: Interoperability of TCAS and ETCS Level-2 ATP Systems.

Works of TCAS & ETCS Level-2 are in progress on Indian Railways. It is in very likelihood that a locomotive equipped with TCAS onboard equipment may run on a territory equipped with ETCS Level-2 or vice versa. Hence, inter-operability between the two systems is very important. RDSO is required to develop suitable Specific Transmission Module (STM) for inclusion/modification in the technical specifications of TCAS and ETCS Level-2.

2. Internationally, such types of interoperable train operation is possible between ETCS Level-2 equipped trains and national ATP system equipped trains. This is required to be done in a time bound manner so that Railways can be apprised to include this aspect in all the procurement plans and processes.

This issues with the approval of MST.


(Anshul Gupta) 13/11/19
Principal Executive Director/Signal