

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

No. 2008/Sig/SGF/4/EI/Gen/Pt. I

New Delhi, Dtd. 6th June 2019

PCSTEs
All Zonal Railways.

Director, IRISSET/Secunderabad

ED/Sig(Co-ord)RDSO, Lucknow

Sub:- Automation in Signalling Drawing – Self Reliance in Electronic Interlocking (EI).

Ref:- PCSTEs' Conference held on 26/27 April 2019 at Guwahati.

In the field of automation in Signalling drawings, a special tool has been developed by RDSO along with IIT/Kharagpur. The tool is able to capture the Signal Interlocking Plan (SIP) to model the interlocking, and thereby can automatically generate Route Control Chart (RCC) and circuit diagram for the station.

In this regard, a seminar was conducted by RDSO on 22nd May 2019 to demonstrate the usage of the tool to three zonal Railways (SECR, ECR and NR). The feedback from Northern Railway is positive and they are now able to generate the RCC which was found to be generated quite accurately. The immediate practical use of the tool is to generate RCC for new projects and/or help in getting the RCC submitted by contractors checked faster and approved.

All the other Zonal Railways shall also try this software tool in consultation with RDSO. For this RDSO may organise similar seminars for other Zonal Railways also. Standardised circuit along with standard nomenclature are under issue by RDSO after the detailed deliberation in PCSTEs' Conference. Further, with the standardisation of EI circuits, RDSO may also plan for incorporating the same in the software.


(Arvind Mital)

Principal Executive Director (Signal)