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

No. 2014/Sig/M/83rd SSC

New Delhi, dated 11.11.2019

ED/Signal/Co-ord
RDSO
Manak Nagar
Lucknow

Sub: Block working built into Electronic Interlocking

- Ref: 1. Board's letter of even no. dated 03.09.14
2. Board's letter No. 2015/Sig/PLN/Blueprint dated 21.09.15 & 30.11.15
3. RDSO's letter No. STS/L/SSI/Vol.VII dated 15.10.14

1. Ref 1 above, Board's approval for Item No. 1164 of 83rd SSC is as below:

Item No	Item	Recommendation of 83 rd SSC	Railway Board's approval
1164	Policy review for providing block panels in other than 'A' and 'B' routes.	<ol style="list-style-type: none">1. Use of Block Panel is recommended for routes other than 'A' & 'B' also.2. On double line sections Zonal Railways may decide to use SGE type block instrument along with axle counter or Block Panel as per their requirement/practice.3. More sources for Block Panels should be developed by RDSO.4. RDSO to examine block working built into EI itself (with same manufacturers) along with associated operational arrangement on the operating panel/VDU to dispense with the need of providing separate block panels.	Recommendations 1 to 3 has earlier been approved (Ref 1 & 2).

2. On 4th recommendation, RDSO was asked (Ref 1) to examine block working built into EI itself (with same manufacturers) along with associated operational arrangements on the operating panel/VDU to dispense with the need of providing separate block instrument.

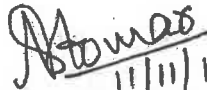
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2.1 Vide ref 3, RDSO has replied that block instrument can be dispensed with and EIs (with same manufacturers) can be directly connected to each other using optical fiber laid on diversified path to provide redundancy in the communication media.

3. The matter has been examined in Board. RDSO should co-ordinate with EI manufacturers for field trials of "Block Working Built into EI" in accordance with Railway Board's letter no 2003/Sig/SGF/7 dated 18.11.2008. On successful completion of field trials, performance assessment field trial shall be done in 20 block sections covering WR, SER, NR & SR in accordance with guidance laid in RDSO Document No SI-WI-8.1-3 with latest amendments.

For Block sections where EIs are of two different manufacturers, RDSO should come up with a technical solution of 'Block working built into EI' system. The outcome of trials with same EI manufacturers and technical solution with different EI manufacturers should be discussed in SSC, finalizing incorporation of relevant changes in the EI specification.

This has the approval of Board(MST).


11/11/19
(Arjun Singh Tomar)
निदेशक (सिगनल)