

**EAST CENTRAL RAILWAY
(S&T Department)**

Office of the
General Manager (S&T)
Hajipur

No. ECR/S&T/Sig/Policy/200/Pt.-IV ()

Dated : 01.07.2021

**CSTE/Con/South & North/MHX
CSTE/Works/HJP
Sr. DSTE/DNR, MGS, DHN, SEE & SPJ,
East Central Railway
Hajipur**

Sub: Policy on adoption of MSDAC for Big yards, Main line stations, IBSSs,
and Automatic Signals

- Ref: 1.RDSO letter No.- STS/E/AC/ABS dated 27.06.08/01.07.08.
2. Minutes of the meeting of Railway Board-Video Conference (VC)
held on 13.12.2019.
3. Railway Board's letter No. 2020/Sig/21/Safety Performance dated
07.10.2020.

DC Track Circuits often fail due to heavy rain and other engineering problems.
Hence performance of train detection can be improved by avoiding requirement of glued
joint based track circuit by providing a clamp-based Multi Section Digital Axle Counter
(MSDAC).

Vide above referred letters, Railway Board & RDSO have issued instructions
regarding provision of MSDAC with dual detection in Big yards, Main line stations, IBSSs,
and Automatic Signals.

In view of the above, it is decided that MSDAC should be provided for Big yards,
Main line stations, IBSSs, and Automatic Signals for new installation in ECR.

This is issued with the approval of PCSTE.

DA: As above

SHARAD SHARMA
Digitally signed by
SHARAD SHARMA
Date: 2021.07.02
13:19:16 +05'30'

(Sharad Sharma)
Chief Signal Engineer (CSE)
for GM(S&T)/ECR