



दक्षिणपूर्व मध्य रेलवे  
SOUTH EAST CENTRAL  
RAILWAY



कार्यालय

प्रधानमुख्य संकेत एवंदूरसंचारइंजीनियर

द्वितीय तल

दपूमरेजोनल मुख्यालय बिल्डिंग

बिलासपुर-495004

Principal Chief Signal & Telecom Engineer

2<sup>nd</sup> Floor, SECR Zonal Hq Building

Bilaspur-495004

☎ : (07752)268059

Fax : (07752)415274

Policy Circular: 06/2022

Date: 31.05.2022

Sub: Implementation of standardization of standard circuit issued by RDSO.

Ref: i. This office letter no. SECR/S&T/Tech/EI/1220, dated 15.03.2022.

ii. E-office file no. SECR/HQoSNT(GENL)/11/2022-O/o

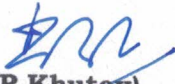
PCSTE/HQ/SECR. Recommendation of technical committee.

The standard circuit 2019 version 2.0 circulated vide letter no.STS/E/Signalling principles Vol.-II/46,dated 18.10.2019 was examined by committee comprising Dy.CSTE/D&D/HQ, Dy. CSTE/P/D&D and Dy.CSTE/C/D&D for its implementation in SECR. The recommendation of the committee is accepted by PCSTE/SECR with the following conditions:

1. Latch relay in point circuit to continue as per RDSO circuit.
2. QBCArelay-based circuit of point operation is to be done in all new works or those works which are in initial stage.
3. TPZR concept is withdrawn.
4. Concept of "Read Back" feature for all vital output relays in EI shall continue.
5. RDSO circuit Ver. 2 to be implemented for all new station having route less than 100 for all new works as well as works in progress which are in initial stage.
6. FAT of first station being commissioned using RDSO Ver. 2 circuit to be done by Dy. CSTE/P/D&D or Dy. CSTE/D&D/HQ or Dy. CSTE/C/D&D/BSP.
7. Implementation will not be linked with IB/Automatic signalling which can continue as per SECR practice.
8. Specific approval of CSTE/planning will be required for continuing with old circuits at station <= 100 routes target beyond Sep. 2022
9. Present restriction of manual operation of point when crank handle key is out may be continued to up keep the operational flexibility in term of G&SR Para 3.69.04(i).
10.
  - i. Parallel point operation without point chain group shall be implemented for the stations having routes up to 100.
  - ii. Stations having more than 100 routes and up to 300 routes point chain operation along with parallel operation may be implemented.
  - iii. Stations having more than 300 routes or major yards, point operation can be decided on case-to-case basis.
  - iv. Cable core plan for point machine for TWS(Thick Web Switch)
    - a. For operation to A end : 18C(12C+6C)
    - b. For operation to B end : 18C(12C+6C)
    - c. For detection to nearest end from goomty (say A end): 12C  
From A end to B end: 12C

11. Super emergency route release shall be provided at station as per IRSEM Para 21.1.8(i).

The policy circular shall supersede the policy circular no. 05/2022, dated 05.05.2022.

  
(G P Khutey)  
CSTE/Pig/SECR  
31/5/22  
Date:

No.SECR/S&T/Policy/306

This policy circular is addressed to the following for strict adherence & compliance with immediate effect.

CSTE/Con/BSP, CSTE/P/BSP, CSTE/P-II/BSP, Sr. DSTE/Co/BSP, Sr. DSTE/R and Sr. DSTE/NGP.