

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

No. 2022 /Sig/33/1/SEM/Misc (E-3395973)

Date: 12.12.2025

**General Managers,
All Zonal Railways.**

**Director General,
RDSO/LKO**

Sub: Differentiating Signals on 3rd/4th Line Territory with standardization of Signal Numbering in Automatic Signalling Territory in non suburban section.

Ref: (i)Rly. Bd's letters ERB-I/2024/23/43 dtd.16.07.2024 & 17.03.2025.

(ii)Rly. Bd's letter no. 92/SIG/SGF/5-Pt. dtd.22.01.2004

Board (MI, MTRS, MO&BD) has accepted the recommendations of the Multidisciplinary Committee constituted under ref above and approved following :

A. Differentiation of Signals in 3rd/4th multiline territories:

i) **Line Identification Boards** to be provided at each signal with alphanumeric identifiers such as : for Double Line -'U'/'D' ; for 3rd Line - '3U'/'3D', for 4th Line- '4U'/'4D' etc. (U = Up, D = Down).

RDSO shall issue a standard drawing of 'XU'/'XD' boards with periodicity to replace, for further adoption by zonal Railways.

ii) **Signal Number Plate** shall be *Retro reflective White text writing on Black background* for improved night visibility. RDSO shall issue required drawing with dimensions with periodicity to replace, for further adoption by zonal Railways.

iii) **Retro-Reflective Arrow Boards** shall be provided on all signals irrespective of their left/right positioning.

iv) **Fog-Safe Devices & Audio Prompts** shall be provided to aid signal identification in all weather conditions. **Left/right positioning of signals shall also be embedded in fog-safe devices with audio prompt.**

v) **Kavach System** to be systematically deployed and expedited.

B. Standardization of Signal Numbering in Automatic Signalling Territory for non sub urban section:

Three-digit Auto Signal numbering with following features:

i) Double Line Sections

- Up direction: Odd numbers, in descending order from higher side (e.g., 519, 517... 503, A501) to be assigned. **Number A501 to be assigned to the signal before Up**

Home of next station.

- Dn direction: Even numbers, in descending order (e.g., 520, 518...502) to be assigned. **Number A502 to be assigned to the signal before Dn Home of next station.**

ii) 3rd Line (Bidirectional)/3rd & 4th Lines (Unidirectional)

- Use 600-series similar to 500-series as mentioned above for double line sections.
- A601 before Up Home /A602 before Dn Home of next station.

iii) 5th (Bidirectional) / 5th & 6th Lines (Unidirectional)

- Use 700-series similar to 500-series as mentioned above for double line sections.
- A701 before Up Home, A702 before Dn Home of next station.

iv) **Signal Number Plate** – To carry *Section Name (departing stn code– receiving stn code)* along with the signal number. **RDSO to issue drawing of Standard Signal number plate** with periodicity to replace, for further adoption by zonal Railways. e.g.-

FTP - KKS
A-502

Note: New numbering scheme shall apply in non-suburban sections preferably for new works where SIP has not yet been prepared. Migration of existing sections is not envisaged.

This is for kind info. and n/action pl.

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Copy to :

PSOs/Sr. PPSs/PPSs/PSs to MI, MTRS, MO&BD Rly Bd. for kind info. pl