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File: SCR-PCOM0RULE(MNLS)/2/2020-RULES SECTION

Date: 21.02.2025.

DRMs/SC, BZA, GTL, HYB, GNT& NED.

Sub: Amendment Slip no. 20 to SCR G&SR - 2020.

Ref: JD TT-III/RB Letter No. 2022/Safety (A&R) 19/26 dated 13/01/2025

JD TT-III/RB Letter No.2022/Safety (A&R) 19/05 dated 20/01/2025

With reference to the above, the following amendments are given to GR 1.01, 1.02, 3.07(7), 3.26 and SR 3.26, 4.08, 4.32, 6.01 and 6.07 of South Central Railway.

1. Substitute the following for GR. 1.01

GR. 1.01 Short title and commencement

(1) These rules may be called the Indian Railways (Open Lines) General (Third Amendment) Rules, 2024.

(2) They shall come into force from the date of their publication in the Official Gazette.

2. Insert the following clause under GR 1.02 as (28 A)

(28A) Indian Railway Automatic Train Protection System (IR-ATP) (Kavach), means a radio communication based control system, provided as an additional aid to Loco Pilots of functional Kavach fitted locomotives, in Kavach territory, the use of which shall in no way infringe or override the provisions (codes and manuals) of regular train operation required to be followed by Loco Pilot.

3. Insert the following under GR. 3.07(7)

Provided that, a colour light Distant signal may be permitted to be combined with the last Stop signal of a station in rear or with an Intermediate Block signal or with a Stop signal protecting a level crossing with arrangements as above, by the Sanctioning Authority (in case of item (a) below- Principal Chief Signal and Telecom Engineer of the concerned Zonal Railway, and in case of item (b), (c) and (d) below - General Manager of the concerned Railway) for the purpose of –

- (a) Interlocking of level crossings outside station limits;
- (b) Double Distant signaling along with corresponding changes at adjacent stations without yard remodelling;
- (c) Intermediate Block signaling except in section with Slip siding and Catch siding, along with corresponding changes at adjacent stations without yard remodelling; and
- (d) Automatic Block signaling except in section with Slip siding and Catch siding, along with corresponding changes at adjacent stations without yard remodelling.

4. Insert the following under GR.3.26

Provided that fixed signals can be brought into use if they have been passed by the Sanctioning Authority (in case of item (a) below - Principal Chief Signal and Telecom Engineer of the concerned Zonal Railway, and in case of item (b), (c) and (d) below - General Manager of the concerned Railway) as being sufficient to secure the safe working of trains, for the purpose of -

- (a) Interlocking of level crossings outside station limits;
- (b) Double Distant signaling along with corresponding changes at adjacent stations without yard remodelling;
- (c) Intermediate Block signaling except in section with Slip siding and Catch siding, along with corresponding changes at adjacent stations without yard remodelling; and
- (d) Automatic Block signaling except in section with Slip siding and Catch siding, along with corresponding changes at adjacent stations without yard remodelling.

5. Insert the following as SR 3.26.4

In IR - ATP (Kavach) territory, when a new signal is erected or existing signal is shifted/modified, the Signal Sighting Committee shall also inspect and certify the signal position in correspondence of the line side signal with the on-board signal and its aspect on the DMI (Driver Machine Interface) display in IR – ATP fitted Loco before it is brought in to use. Kavach fitted loco shall be used for conducting sighting committee inspection, at least once in a quarter.

6. Insert the following as SR 4.08.1.5

In IR-ATP fitted loco, as soon as the defective speedometers are noticed, message should be given by the LP to the nearest power controller for arranging attention to the defective speedometer or change of Loco at the next crew changing point or earlier, as the case may be. However, in IR-ATP (Kavach) territory, the speed reduction prescribed for coaching trains, when speedometer of Loco is defective, need not be followed in case Loco is provided with IR-ATP (Kavach) and the speedometer in DMI (Driver Machine Interface) in the respective Cab is working.

7. Insert the following as SR 4.08.1.6

In case Loco is not equipped with Kavach or Loco Kavach become defective, the maximum speed of the train shall not exceed 140 Kmph, subject to other speed restrictions.

8. Insert the following as SR 4.32.1.1

Before commencement of journey in IR-ATP (Kavach) territory, the Loco Pilot shall boot up on-board Kavach, enter configuration as per the train consist and see whether all parameters are being indicated properly. IR-ATP on-board Loco Kavach will be effective only after passing first stop signal in "OFF" condition.

9. Insert the following as SR 6.01.4

When report of any accident or obstruction is received by the Station Master in IR-ATP (Kavach) territory, the Station Master shall operate SOS in Station Master Operational Panel cum Indication Panel (SMOCIP) to prevent other functional IR-ATP (Kavach) trains from entering the affected section.

10. Insert the following as SR 6.07.4

- a) In IR-ATP (Kavach) territory with Kavach functional Loco, in the event of unusual circumstances likely to affect the safe and proper working of trains, the Loco Pilot shall apply SOS to stop other functional IR-ATP (Kavach) trains from approaching the location.
- b) In IR-ATP (Kavach) territory with Kavach functional Loco, in the event of "Unusual Stop" in the block section, the Loco Pilot shall acknowledge the same else automatic brakes will be applied on all other Kavach fitted locos within its vicinity.

Principal Chief Operations Manager

Copy to: General Managers, PCOMs & PCSOs/CR, ECoR, SWR, SR,
Secretary to GM for kind information to GM;

AGM, SDGM, DGM/G, PED/Safety (A&R); CRS/SCC/SC;
PCCM, CFTM, CPTM, CTPM, PCE, CAO/C,
PCME, CWE, CMPE/Dsl, CRSE, CWM/WS,
PCEE, CEDE, CPM/RE, CEGE, CELE, CESE, CEE/RS, CEE/O & Plng;
PCSTE, CSE, CCE, CSTE/P, CSTE/C, Director, IRISSET/LGD;
Sr.DOM, Sr.DSO, Sr.DEN (Co-ord), Sr.DME, Sr.DSTE, Sr.DEE/TRD, Sr.DEE/TRSOSC,
BZA, GTL, GNT, HYB & NED;
Principals/ZRTI/MLY, STTC/MLY, ETTC/BZA, STC/LGD & ZCETC/KCG;
Rajbhasha Adhikari for translation into Hindi.

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