

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

No.2020/Tele/WL/2 Misc.

New Delhi, Dated: 03.11.2021

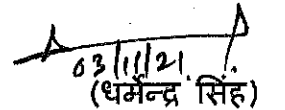
PCSTE,
All Indian Railways.

Sub: Regarding surrendering of 1.6 MHz spectrum in 900 MHz band.
Ref: DoT Letter No. L-14001/01/2019-NTG (Pt.) Dated 22.10.2021.

Indian Railways are utilizing 1.6 MHz (paired) spectrum in 900 MHz band for GSM-R(Global System for Mobile Communication- Railways) based Mobile Train Radio Communication (MTRC) for their Operational, Safety and Maintenance requirements.

Vide DoT letter dated 22.10.21, 5 MHz (paired) spectrum has been allocated to Indian Railways in 700 MHz band for Public Safety & Security services at Stations. This spectrum is to be utilized for rolling out LTE (Long Term Evolution) based MTRC subject to the conditions as specified in the DoT letter. Zonal Railways which are currently using GSM-R based MTRC are advised to surrender 1.6 MHz spectrum in 900 MHz band, as soon as MTRC is migrated to LTE in 700 MHz band.

DA: As above.


03/11/21.
(धर्मन्द्र सिंह)

निदेशक/ दूरसंचार

दूरभाष: 011-23388504, 030-44613

ई.मेल: dtele@rb.railnet.gov.in

Government of India
Ministry of Communications
Department of Telecommunications
Wireless Planning and Coordination (WPC) Wing
6th floor, Sanchar Bhawan,
20, Ashoka Road, New Delhi - 110001.

No.: L-14001/01/2019-NTG (Pt.)

Date: 22.10.2021

To,

Executive Director (Tele Div)
Railway Board
Ministry of Railways

Subject: Allotment of 5 MHz (paired) spectrum to Indian Railways in 700 MHz band for Public Safety and Security services at Stations and in the Trains for Captive use.

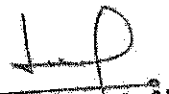
Reference: Ministry of Railways' O.M. No. 2017-Tele/14(1)/1 Pt. dated 23.06.2021.

Sir,

I am directed to refer to Ministry of Railways' Office Memorandum dated 23.06.2021 on the above subject and to inform that in accordance with the Cabinet decision taken in its meeting held on 09.06.2021, 5 MHz (paired) spectrum in the spectrum block 713-718/768-773 MHz is hereby assigned to Indian Railways for Public Safety and Security services for Captive use, with the following conditions:

- (i) This spectrum assignment is being made for captive use along the Railway track only and not to offer any Commercial Services such as Internet/Wi-Fi onboard.
- (ii) Annual spectrum charges for this assignment will be levied based on formula as prescribed by WPC Wing, DoT, from time to time for Royalty Charges and License Fee for Captive usages. Addition of new base stations and mobile terminals shall be intimated by Indian Railways without any delay.
- (iii) Efficient and timely utilization of spectrum will be ensured by Railways through a process of periodical monitoring.
- (iv) The 1.6 MHz (paired) spectrum already assigned to Indian Railways in 900 MHz band will be taken back from Indian Railways upon migration to LTE based network.
- (v) As Indian Railways would be using the assigned spectrum along its railway track network and stations only, DoT may consider assigning the same spectrum in other areas for area-specific limited use to other entities for captive use. However, it will be ensured that there is no interference to the Railways' network from such use.

- (vi) Applicable procedures for Letter of Intent (LoI), Decision Letter (DL), SACFA clearance and Wireless Operating License (WOL), as being followed for GSM-R network, shall be followed by Indian Railways for all the base/mobile stations.
- (vii) Operations should not commence without obtaining Wireless Operating License (WOL) for the network as per applicable procedure.
- (viii) Connection of this network to Public Switched Telecom Network (PSTN) shall not be allowed.


22.10.2024

(Neeraj Juyal)

Assistant Wireless Adviser

Phone: 2372 3595