

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

Secretary,
Department of Telecommunication,
Ministry of Communication,
Sansad Marg, New Delhi.

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 Mobile Train Radio Communication (MTRC) for their Operational, Safety and Maintenance requirements.

Vide DoT letter referred above, 5 MHz (paired) spectrum has been allotted to Indian Railways in 700 MHz band for Public Safety & Security services for Captive use, with the condition that 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(Long Term Evolution) based MTRC network. Till now GSM-R(Global System for Mobile Communications- Railways) based MTRC utilizing 1.6 MHz in 900 MHz band has been rolled out in six Railway Zones only.

In view of above, Indian Railways are surrendering 1.6 MHz spectrum in 900 MHz band with immediate effect in States/UTs where GSM-R based MTRC has not been rolled out. The details of such States/UTs are enclosed in Annexure-I.

DA: As above.

03/11/21
(धर्मेन्द्र सिंह)

निदेशक/ दूरसंचार

दूरभाष: 011-23388504, 030-44613

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Copy: PCSTE/All Indian Railways.

Plan to Surrender of 1.6 MHz spectrum in 900 MHz band by Indian Railways & DFCCIL

Annexure-1

SN	State
1	Andaman Islands and the Nicobar Islands (UT)
2	Andhra Pradesh
3	Arunachal Pradesh
4	Chandigarh (UT)
5	Chhattisgarh
6	Dadra & Nagar Haveli (UT)
7	Goa
8	Himachal Pradesh
9	Karnataka
10	Kerala
11	Lakshadweep (UT)
12	Ladakh (UT)
13	Manipur
14	Meghalaya
15	Mizoram
16	Nagaland
17	Odisha
18	Puducherry (UT)
19	Sikkim
20	Tamilnadu
21	Telangana
22	Tripura
23	Uttarakhand

19/11/2011
TAF/12/11

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.

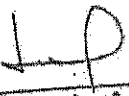
Reference: Ministry of Railways' O.M. No. 2017-Tele/14(1)/1 Pt. dated 23.06.2021.

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

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