

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

No.2020/Tele /11(4)/1

Dated: 27.12.2021

PCSTEs,  
All Zonal Railways.

**Sub: Use of Multi SIM Aggregators by Zonal Railways in ARTs etc.**  
**Ref: (i) Railway Board letter No 2004/Tele/TN/2 dated 18.09.2006.**  
**(ii) Railway Board Letter of even no dated 13.08.2021**

1. Vide letter at reference (ii) above, SECR and SWR were advised to conduct trials and submit report for Multi SIM Aggregator(which aggregates internet bandwidth derived from individual service providers) using dongles/Data SIMs of different operators for transmission of Video and establishing voice calls for use in ARTs. Both the Zonal Railways have submitted their reports.
2. Board has examined the reports and following is being communicated with the approval of Additional Member (Tele):
  - 2.1 Zonal Railways are permitted to use Multi SIM aggregator in ARTs and other important locations as deemed fit for various purposes including extending Internet bandwidth at site, in case of any disaster where adequate cellular network coverage is available. SIMs/Dongles of at least two different service providers may be used.
  - 2.2 Railways/Divisions where Portable VSATs provided in ARTs are irreparable and have outlived their useful life are permitted to use these Multi SIM aggregator in lieu of the Portable VSATs after verifying that adequate cellular network coverage is available across all the sections in the Division such that the Multi SIM Router will provide sufficient Internet bandwidth for transmitting live video and audio from site, at all the locations within the Division, in case of any disaster.
  - 2.3 For Internet bandwidth aggregation, centralized gateway server is to be installed in SWR as pilot of this scheme to serve all Zonal Railways. Necessary static IP may be provided, if required and RailNet backbone may be used by Zonal Railways as common network infra instead of separately hiring for the system. SWR has option to hire the secure server cloud infra on OPEX basis as per demand from RailTel Data centre or empanelled Cloud Service Providers (CSPs) under MeghRaj Policy of MeitY, Govt of India considering adequate security aspects for the same.
  - 2.4 Coordinating Zonal Railway i.e SWR will ensure the necessary configuration in Multi SIM aggregators procured by other Zonal Railways, so that bandwidth aggregation can be achieved.

27/12/21  
(धर्मेन्द्र सिंह)

निदेशक/दूरसंचार

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