



# SANCHAR NIGAM EXECUTIVES' ASSOCIATION

## KERALA CIRCLE

(Largest Association of Executives in BSNL)

SNEA Bhavan, Dharmalayam Road, TVM-695001

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<b>Circle President</b>	<b>Circle Secretary</b>	<b>Circle Treasurer</b>
<b>George Varghese</b>	<b>Jithesh.K.P</b>	<b>Suneer.S</b>
<b>GM, Malappuram</b>	<b>SDE, Kannur</b>	<b>AO, Circle Office</b>
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**No.SNEA/Kerala/2020-21/II/170**

**dated 20<sup>th</sup> Feb 2021**

To

**Sh. C V Vinod,  
Chief General Manager Telecom,  
BSNL, Kerala Circle,  
Thiruvananthapuram-33**

**Respected Sir,**

**Sub: Surrendering 1800 MHz GSM spectrum in Kerala Circle, consequences including operational issues and service degradation, our request, reg:**

Ref: BSNLCO-NOCM/31(12)/1/2020-NWO-CM 1 Dated 18.02.2021

BSNL Corporate Office vide the above reference has communicated their decision to surrender portion of 1800 MHz spectrum being used by various Circles for giving GSM services. It may be noted that Kerala circle has been using 3.8 MHz spectrum in the 1800 band for ensuring optimum service quality to our esteemed GSM customers in the Circle. The decision to surrender 1.8 MHz spectrum can seriously affect quality in GSM voice services in many parts of the State. The following points may please be noted in this regard.

1. The maximum count of TRXs/ Carriers which can be configured in a single BTS site using 1800 band resources has to be limited to 6 which is 10 at present.
2. Around 700 independent cells are working in 1800 band at nearly 480 BTS locations. 150 such BTS locations require TRX configuration above '6' which may not be possible in the new scenario.
3. Kerala Circle has been putting extra efforts to divert unused 1800 band GSM hardware from other Circles like Jharkhand, West Bengal etc to replace faulty Motorola and Nortel BTSs in many places. Around 80 replacements have already been done and many are in the pipeline. TRX reduction if attempted in such locations can badly affect service quality.

4. There may not be many alternatives before the Circle to cater the existing traffic requirements once 1800 resources are shutdown. We may not be able to bring already replaced Motorola and Nortel BTSs back to operation due to extremely bad physical health of such hardware.
5. Further, we may not be able to plan similar diversion of 1800 resources from other Circles for improving service quality especially with the existing ailing hardware of Nortel BTSs.
6. It may be noted that 15 sites in Alappuzha BA are working with 1800 band in all sectors using the recently diverted resources from other Circles.
7. We may have to remove service hand over in 2G-3G collocated sites if 2G resources are depleted which in turn might result in more throughput issues for 3G service.

It is requested that consequences including operational issues and degradation in service quality which would arise due to this critical resource reduction may kindly be brought to the notice of the concerned at BSNL Corporate Office for thorough review please.

Thanking You,

Sincerely Yours



**Jithesh K P**

**Circle Secretary  
SNEA Kerala Circle**