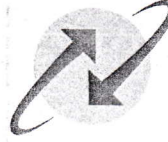


आर. मणि, बी.टेक आई टी एस
मुख्य महाप्रबंधक

R. MANI, B.Tech ITS
Chief General Manager



भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)
केरल परिमंडल
KERALA CIRCLE

D.O.No.MS/MSS/OP/2014-15/112
March 25, 2017

Dear Sir,

Subsequent to the introduction of new data STVs from 16th March 2017, the data usage of Kerala Circle has shown a tremendous increase. Further, the peak throughputs from Kerala SGSN locations towards Chennai GGSN (Gn/Gp) are fast reaching its present installed capacity of 16Gbps (8 Gbps each from Ernakulam and Thrissur). The table above shows the daily growth of data traffic & throughput from Kerala Circle SGSNs towards GGSN at Chennai.

Date	Throughput (Gbps)	Volume (GB)
15-Mar-17	13.11	88120
16-Mar-17	11.72	87077
17-Mar-17	13.06	91464
18-Mar-17	13.56	97987
19-Mar-17	13.72	103440
20-Mar-17	13.78	98659
21-Mar-17	13.80	105345

(2) It is to be mentioned that on the 19th of March 2017, Ernakulam Switch has shown a peak throughput of 7.5 Gbps (93 % loading) and on the 21st of March 2017, Thrissur Switch has shown 7.34 Gbps (91.7% loading). Further, the existing links are observed to be highly unstable due to frequent failures in transmission routes affecting data traffic (on 16th March 2017 there was a media failure)

(3) Kerala Circle, vide letter No. MS/DGMRPKRL/STR/16-17/21 dated 06/08/2016, had requested STR for 2 numbers of 10 G BW from each location, out of which only one 10 GE from Thrissur was allocated and it is not yet commissioned due to frequent failures of OTN path. It is also understood that commissioning of 10 GE links may take another couple of months.

(4) In view of the exigency (SOS) as mentioned above, Circle has requested for immediate allotment of additional 4 numbers 1 GE links, vide Letter No. MS/DGMRPKRL/STR/16-17/27 dated 21/03/2017.

(5) It is, further, learnt that there is a shortage of GE ports in the GGSN switch/router at Chennai, to accommodate new 1GE links.

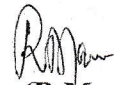
(6) In view of the above facts about the rapidly increasing peak data throughput and data usage from Kerala circle and the fact that Kerala circle is contributing almost 25% of the total country wide data usage of BSNL, necessary instructions may be issued to STR Circle to provide 10 GE

links from Kerala SGSNs to GGSN, Chennai and to the GGSN team at Chennai to keep ready the GE ports for accommodating new GE links from Kerala SGSNs.

(7) In order to tap the potential of Kerala Mobile Market, augmentation of links/ports and bandwidth resources are to be carried out on war footing basis on topmost priority. As such, immediate intervention of the Corporate Office is solicited.

With kind regards,

Yours sincerely,


(R. Mani)

To,

Shri R.K.Mittal
Director (Consumer Mobilty)
Bharat Sanchar Nigam Limited
New Delhi – 110 001