



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

Office of General Manager Malappuram Telecom District, Malappuram

GMT/MLPSSA/BB/ 2012-2013 Dated 04-07-2012

To

Sri. P.G. Nirmal,
Addl GM (BP & IT),
O/o CGMT, BSNL,
Kerala Circle,
Trivandrum 695033

Subject:- Heavy traffic at Calicut BNG uplinks and Calicut PE Uplinks reg:-

Reference:- Addl GM(BP & IT) BSNL Kerala dated 18-05-2012


At present, Malappuram SSA's multiplay network is connected to Calicut BNG through Calicut Tier1 switch. In addition, Calicut BNG is also carrying traffic of Calicut and Waynad districts. The PE router in Calicut is connected with two BNG's of Calicut and Kannur.

It observed that from last six month onwards higher congestion regularly happening between Calicut BNG to Calicut PE router (greater than 90% traffic in both BNG uplinks) and Calicut PE to Core router. In normal days Calicut BNG having around 17000 to 18000 concurrent sessions and in special days it is crossing 20000.

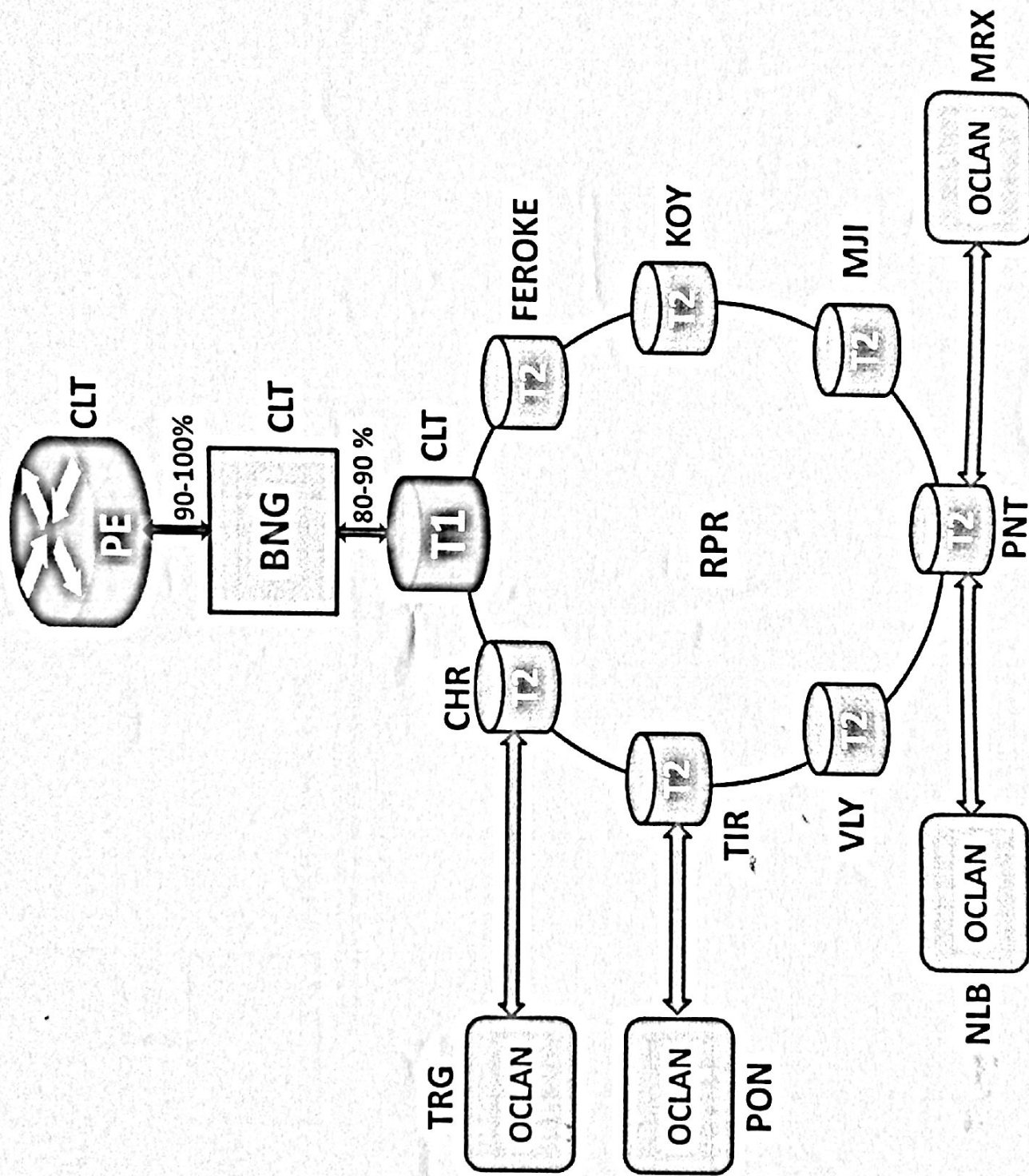
Due to this congestion, NME Customers, Leased line Customers, higher bandwidth customers are facing speed problems and getting less than even 2 Mbps speed, which invited severe complaints. During peak hours, special days like Exam results, festival days, etc. even normal customers are facing severe speed problems and failures.

At present Palakkad BNG is having around 30 to 40% load, so it is suggested that 50% of Malappuram Broadband traffic may be shifted to Palakkad BNG by putting additional uplink (1GE link) from Calicut Vellayil Tier-1 to Palakkad BNG. Shifting will be carried out by diverting some DSLAMs outer VLANs towards Palakkad BNG. It will be normalized as soon as the new BNG and PE router installed at Malappuram SSA. After this shifting, Traffic of both Calicut BNG and Palakkad BNG will be around 60-70%

Approval may be accorded for shifting 50% of Malappuram SSA Broadband traffic to Palakkad BNG and arrangement may be made to provide one GE link between Calicut Vellayil Tier-1 and Palakkad.


General Manager Telecom
Malappuram

PRESENT BROADBAND NETWORK MRX SSA



PROPOSED BROADBAND NETWORK MRX SSA

