SANCHAR NIGAM EXECUTIVES' ASSOCIATION

KERALA CIRCLE

(Largest Association of Executives in BSNL)

SNEA Bhavan, Dharmalayam Road, TVM-695001

Circle President	Circle Secretary	Circle Treasurer
Dr.V.G.Sabu	**Jithesh.K.P**	**Suneer.S**
AGM, Trivandrum	**SDE, Kannur**	**AO, Circle Office**
Mob: 9446433433	**Mob: 9447707475**	**Mob: 9447341693**

No.SNEA/Kerala/2021/13   **dated 12th July 2021**

To

   The Chief General Manager,

   Southern Telecom Region

   Chennai

Sir,

Sub: Alarming situation of BW availability in Core NW of STR – reg:

As we are all aware, the total data volume that BSNL Kerala circle is handling is to the tune of 1050TB per day and same constitute almost 17% of total data traffic of entire BSNL across all circles. We also know that all this traffic is being handled by our core network which is maintained mainly by STR. It has already been brought to your notice about the acute shortage of bandwidth in the core network of STR.

In OTN project, Phase-1 started in March-2017 followed by Phase-2 & Phase 3 in Nov-2017 and March-2019 respectively. In phase-1 project nodes were available only at Ernakulam in Kerala circle and in phase-2, nodes were commissioned in Calicut and Trivandrum and in phase-3 U-20 version was upgraded to U-60.

It has come to such an alarming situation that even a single 10G link can't be added to the network without additional card or equipment. Upgradation of transmission systems and procurement of additional cards were taking place at regular intervals earlier. However in last two years neither upgradation of equipment nor procurement of additional cards has happened for obvious reasons. By this time phase-4 should have been completed by extending OTN nodes to all SSA headquarters. This delay in expansion is causing heavy congestion in OTN and even service interruptions as well when there is cable cut in multiple paths simultaneously.

Ports for provisioning additional 10G links are almost exhausted in all 3 nodes in Kerala. Commissioning of new Super-core router at Trivandrum is pending for want of additional 10G ports in OTN. Moreover infra for the same such as additional AC units and capacity enhancement of power plant maintained by BA is also pending in Medical college exchange in Thiruvananthapuram.

Like OTN, STR CPAN is also facing congestion. The case is the same for CPAN nodes of different BAs as well. In STR network CPAN is mainly utilized for extending 1G links from SDCA HQ to SSA HQ. The ports in CPAN equipment are also getting exhausted and hence we may not be able to provide services for additional bandwidth for various purposes any sooner rather than later. After 2019 no expansion took place in CPAN project also.

The situation in linear DWDM system also is no different. All 10G cards which were kept as maintenance spares are also utilised for providing services. At present requests for 10G links and services from BAs are pending for want of cards/ports. A catastrophic situation of total core network brake down is not far if this situation is allowed to continue. In fact many EB/FTTH customers are already facing issues in speed due to congestion of network and hence are very much dissatisfied.

Without making network expansion or procurement of additional hardware BSNL cannot even move an inch forward towards easing of congestion in the network.

In view of all the above mentioned facts you are requested to take immediate action to expand the OTN/CPAN network at the earliest failing which BSNL will lose many of its loyal customers incurring huge revenue loss and irreparable damage to the reputation of our beloved company.

Sincerely Yours

Jithesh K P
Circle Secretary
SNEA Kerala Circle

Copy to:

1. The CGMT, Kerala Circle

2. GS SNEA CHQ

3. CS SNEA TN, KTK, AP & TS