



No: 43-6/2011-NWO I CFA-MSE (G)

Dated 12. 10 2011

To

The CGMT's

All Telecom Circle

**Subject: Online automatic monitoring of Exchange Alarms through RAISE software-Regarding**

Kindly refer to the letter dated 26.04.2011 of this office vide which the decision of competent authority to implement "Online Automatic Monitoring of Exchange Alarms" in wire line network was communicated. The same was to be implemented in all SSAs in two phases. Subsequently, a website <http://raise.bsnl.co.in> was also got developed to make the all required information/ resources available at single place.

Once fully implemented, the above system will help BSNL in improving the QoS of wire line network tremendously. The some of the advantages expected from the system are:

1. The above website is to be used as centralized monitoring server for collecting and monitoring the switch alarms generated by various switches and for automatically generating the necessary reports especially the Exchange failure.
2. The above will enable all concerned to see the performance of switches in real time and take necessary corrective measures immediately. The system has the capability to send SMSs for Critical/Major Alarms to concerned persons.
3. Various historical reports are also to be made available for overall performance analysis of switches/network.
4. Later on, the Transmission/Media alarms and alarms generated from other equipments such as DSLAMs, Fire Alarms are also to be collected through this system.
5. Being the in-house product of BSNL, there is no cost involved in implementation and operation of the system.
6. System works on existing IT Infrastructure and doesn't require procurement of any additional hardware.
7. Once installed, system works automatically and doesn't require any user intervention to operate.

As already conveyed whole of the work was to be completed by 30.06.2010. However, only few SSAs till date have implemented the same. The existing connectivity status is available at Annexure-I.

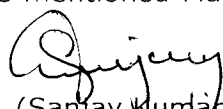
Seeing the various advantages of above system it has been decided by Director (CFA) to connect all the switches with the above system by 30.11.2011 positively. The above work is to be completed as a project in time bound manner. The connectivity of all SSAs is to be completed in Phase wise manner as per following timeline:

S.No	Item	TimeLine
1	Connecting 100% switches in 46 SSAs as communicated vide letter dated 26.04.2011.	20.10.2011.
2	Connecting at least one switch in each SSA	30.10.2011
3	Connecting all switches in each SSA	30.11.2011

Henceforth, the implementation status of above will be monitored on weekly basis. Sr. GM/GM (NWO-CFA), Circle Office is requested to monitor the execution of above in Time Bound manner. **The weekly status report must be mailed to dgm\_nces@bsnl.co.in, sanjaykumar1@bsnl.co.in and khanaftab68@gmail.com invariably on every Tuesday in attached Performa. The first report must be mailed by 18.10.11.** Before sending the report, circle must login to the above website (<http://raise.bsnl.co.in>) to verify that their SSA based RAISE server is uploading Alarm data successfully to central web server at Bangalore. Such SSAs where C-DOT based LNMS system is already working may continue to use the same till further instructions by this office.

In case of any technical difficulty JTO (IT), Nellore may be contacted on 09490182223 or [gsukumar@bsnl.co.in](mailto:gsukumar@bsnl.co.in) In case of any suggestion for further improvement of the system comments may be sent to above mentioned Mail IDs.

**Encl: A/A.**

  
(Sanjay Kumar)  
DGM (NWO-II/CFA)

Copy to:

1. CGM (NCES) with request to monitor the implementation of above and submit the implementation status report on every 16<sup>th</sup> of the month.
2. GMTD (Nellore) with request to extend the necessary support to other SSAs.

## Implementation Status Report for RAISE System

Circle Name:.....

S.No.	Name of the SSAs*	Total number of Main switches (MSUs) (including TAXs) connected with central web server at Bangalore (RSUs/RLUs not to be counted here)	Total Number of RLUs/RSU connected with MSUs mentioned in col.(C)
(A)	(B)	(C)	(D)
1			
2			

Note: Mention name of the all SSAs, in case of no progress mention NIL.