

- Augmentation of Microwave (M/W) backhaul network to support the enhanced speed.
- Migration of legacy telephone exchanges network to Internet Protocol (IP) based New Generation Network (NGN) exchanges in collaboration with C-DOT.

In addition, BSNL and MTNL are taking various steps to improve their mobile network. The details of these steps are as follows:

- Monitoring of the Fault Repair Service System.
- Deployment of modern and state of art CDR (Call Detail Record) based Billing and Customer care system.
- Establishment of Customer Service Centres at all important locations in the country with “single window concept” to facilitate friendly interactions with the customers.
- Replacement of weak batteries and power plants to improve network uptime
- Regular Radio Frequency (RF) optimization tests.

Radiation tags on cell phones

2627. SHRI BAISHNAB PARIDA: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether it is a fact that cell phones will now carry radiation tags;
- (b) if so, the details thereof;
- (c) whether Government has proposed certain legally binding emission limit on such sets; and
- (d) if so, the details thereof?

THE MINISTER OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI RAVI SHANKAR PRASAD): (a) to (d) The Government has issued instructions dated 25.01.2012 and 17.08.2012 to mobile handset manufacturers that Specific Absorption Rate (SAR), which is an indicator of radiation emitted by the mobile handset, should be displayed on their handsets like International Mobile Equipment Identity (IMEI) by pressing the code sequence *#07#. SAR value of mobile phones shall be limited to 1.6 Watt/Kg averaged over a mass of 1 gram of human tissue.

Services provided by BSNL and MTNL

2628. SHRI RAVI PRAKASH VERMA: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether frequent call drops, poor connectivity and slow broadband connectivity