

**GOVERNMENT OF INDIA  
COMMUNICATIONS AND INFORMATION TECHNOLOGY  
LOK SABHA**

UNSTARRED QUESTION NO:3506  
ANSWERED ON:12.02.2014  
SPILLAGE OF MOBILE SIGNAL  
Singh Shri Jagada Nand

**Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:**

- (a) whether the spillage of mobile signals from one telecom signal to other has been reported in various telecom circles, particularly on or near Bihar and UP border and the customers have to pay roaming charges;
- (b) if so, the details of the capacity of 1200 the set towers and the capacity they required to prevent spillage of signal;
- (c) the annual roaming amount for the current year and the last year; and
- (d) the action taken by the PSU telecom companies particularly by BSNL to increase the capacity of existing towers?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI MILIND DEORA)

(a) & (b) Yes Madam, Some incidences of spillage of mobile signals from one telecom circle to other have been reported in the border areas of some of the License Services Areas including Bihar & UP border. In order to prevent such incidences, following steps have been taken.

(i) Base Transceiver Station (BTS) radiation strength increased in home circle border areas so that signal of home circle only is received.

(ii) Timing advance technique has been used on the BTSs at such places for restricting the signals to its boundary only.

(c) The Gross Revenue from Roaming, as reported to Telecom Regulatory Authority of India (TRAI), is approx Rs 10321 Crores for the year 2011-12 and for the year 2012-13 is approx Rs 12772 Crores.

(d) In respect of Telecom PSUs, it is submitted that Bharat Sanchar Nigam Limited (BSNL) has planned to augment 14.37 million GSM (Global System for Mobile Communication) lines in its area of operation in all the four zones (East, West, North & South). Mahanagar Telephone Nigam Limited (MTNL) has also proposed to expand its mobile network to further augment and improve coverage.