

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

UNSTARRED QUESTION NO:4260  
ANSWERED ON:19.12.2012  
MOBILE SIGNAL SPILLAGE  
Singh Shri Jagada Nand

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

- (a) whether the roaming charges have to be paid outside the concerned telecom circle for calls made from and received in;
- (b) if so, the details thereof;
- (c) whether spillage of mobile signals from one telecom circle to other have been reported in various telecom circles resulting in roaming charges on consumers;
- (d) if so, the details thereof; and
- (e) the action taken by the Government to prevent spillage of mobile signal and the customer from paying extra roaming charges?

**Answer**

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

(a) Yes, Madam.

(b) Telecom Regulatory Authority of India (TRAI) has specified ceiling tariff for national roaming services vide Telecommunication Tariff Order 44th Amendment, details of which are as follows:

Outgoing Local Call - Rs.1.40 per minute

Outgoing STD - Rs.2.40 per minute

Incoming call - Rs.1.75 per minute

Monthly Access - NIL  
Charge for Roaming

(c) to (e) One case has been reported in Telecom Enforcement, Resource and Monitoring (TERM) Cell Chhattisgarh in 2007 wherein spillage of mobile signal from other telecom circles has resulted in roaming charges on subscribers. The case was taken up with the concerned service provider and the signal got confined within the boundary of License Service Area (LSA). Also, some incidences were noticed in the border areas of some of the service areas by Bharat Sanchar Nigam Limited (BSNL). BSNL has taken following steps to prevent such incidences:-

1. Base transceiver station (BTS) radiation strengths have been increased in home circle border areas so that signal of home circle only is received.
2. Timing advance techniques are being used at such places for restricting the signals of adjacent service areas to its boundary only.