

**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA
STARRED QUESTION NO.13
TO BE ANSWERED ON 16TH NOVEMBER, 2016**

WIRELESS IN LOCAL LOOP

†*13. SHRI SADASHIV LOKHANDE:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) whether Wireless in Local Loop (WLL) telecom services have been made available in the rural areas in the country and if so, the details thereof, State-wise/ Union Territory-wise;
- (b) whether WLL services are inactive/ malfunctional in many rural areas and if so, the reasons therefor; and
- (c) the steps taken by the Union Government to make the WLL telecom services effective and functional?

ANSWER

**THE MINISTER OF STATE (IC) OF THE MINISTRY OF COMMUNICATIONS &
MINISTER OF STATE IN THE MINISTRY OF RAILWAYS
(SHRI MANOJ SINHA)**

(a) to (c) A Statement is laid on the Table of the House.

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STATEMENT TO BE LAID ON THE TABLE OF THE LOK SABHA IN RESPECT OF PARTS (a) TO (c) OF LOK SABHA STARRED QUESTION NO. 13 FOR 16th NOVEMBER, 2016 REGARDING "WIRELESS IN LOCAL LOOP".

(a) to (c) Madam, the Wireless in Local Loop (WLL) is the use of a wireless communications link as the "last mile/ first mile" connection for delivering plain old telephone service (POTS). Various types of WLL systems and technologies exist across the world, which include Global System for Mobile (GSM) Systems, Code Division Multiple Access (CDMA) Systems, etc. In India, the Telecom Service Providers (TSPs) have been deploying such systems for providing their services in urban as well as rural areas from time to time as per their need. The service providers are free to use any technology for providing their services. Subject to techno-commercial feasibility, WLL services being provided by various service providers are as per details annexed (**Annexure I**).

However, after proliferation of mobile telephone services, the use of such systems has gradually reduced. It is a common phenomenon that with advancement in technology, the old technology systems are gradually replaced due to obsolescence and gets extinct. The TSPs now prefer to provide mobile telephone services instead of services using WLL systems.

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List of service providers providing WLL services

S.No.	Name of service provider	Licensed service area where WLL services are being provided
1.	Tata Teleservices Ltd.(TTSL)/Tata Teleservices (Maharashtra) Ltd (TTML).	All India
2.	Reliance Communication Ltd.(RCOM)	Delhi, Mumbai, Maharashtra, Uttar Pradesh (West), Uttar Pradesh (East), Andhra Pradesh, Tamil Nadu, Kerala, Karnataka, Gujarat, Punjab, Haryana & Rajasthan
3.	Bharat Sanchar Nigam Ltd. (BSNL)	All India except Delhi, Mumbai, Bihar, Punjab, UP (West) and Kolkata.
4.	Sistema Shyam Teleservices Ltd.(SSTL)	Rajasthan
