

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

**LOK SABHA
UNSTARRED QUESTION NO. 1683
ANSWERED ON 10TH DECEMBER, 2025**

SATCOM OPERATIONS IN INDIA

1683. SHRI TATKARE SUNIL DATTATREY:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the timeline for rollout of SATCOM (Satellite Communication and Satellite Internet) operations in the country;
- (b) the ways in which this is likely to support the Digital India initiative such as connectivity to far off areas;
- (c) the security measures that have been taken and will apply to SATCOM companies operating in the country;
- (d) the ways in which Indian internet users can expect to benefit from this technology; and
- (e) whether this is likely to affect price of internet services in the country?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS AND RURAL DEVELOPMENT
(DR. PEMMASANI CHANDRA SEKHAR)**

(a) to (e) Department of Telecommunications grants authorizations under the Unified License (UL) for providing Satellite-based commercial communication services. The grant of license to provide Satellite-based Commercial Service to an applicant is subject to compliance with the applicable licensing terms and conditions, including security conditions and relevant national laws. Prior to rollout of operations in India, the licensee is required to successfully demonstrate the system capabilities with respect to security aspects. The security conditions include, inter alia, facility to monitor all telecom traffic, establishment of satellite earth station gateway(s) in India, all traffic originating or terminating in India shall pass through the satellite earth station gateway(s) located in India, creation of buffer zone along the international border.

Further, DoT has sought recommendations from Telecom Regulatory Authority of India (TRAI) on terms and conditions of spectrum assignment, including spectrum pricing for satellite-based communication services. TRAI has provided its Recommendations dated 08.12.2025 on DoT's Back Reference.

Satellite-based communication services can provide connectivity in rural, underserved and unserved regions including far off areas, which are otherwise difficult to be covered through terrestrial media such as optical fiber, microwave, etc. This will help in bridging the digital divide, thereby supporting the digital India Initiative.

It is envisaged that with more licensees for providing satcom services, enhanced competition in this segment will lead to better quality and affordable services.
