

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

LOK SABHA

UNSTARRED QUESTION NO. 1687

TO BE ANSWERED ON WEDNESDAY, 10 DECEMBER, 2025

NAVIC NAVIGATION SYSTEMS

1687. SHRI B K PARTHASARATHI:

SHRI BASTIPATI NAGARAJU:

Will the PRIME MINISTER be pleased to state:

- (a) the details of the initiatives undertaken by the Government to promote the adoption of the Navigation Indian Constellation (NavIC) Navigation System across various sectors;**
- (b) the details of pilot projects and number of use cases/services developed to expand NavIC-based applications and services along with their operational status;**
- (c) whether the Government has mandated or proposed mandatory inclusion of NavIC capability in devices manufactured by Indian smartphone and electronics companies and if so, the details thereof;**
- (d) whether the Government plans to open NavIC for commercial use in the Country and if so, the details of the steps taken by the Government for commercialization of NavIC technology thereof; and**

- (e) whether any foreign Governments or international organizations have expressed willingness to adopt or collaborate on NavIC services and if so, the details thereof?**

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC
GRIEVANCES & PENSIONS AND IN THE PRIME MINISTER'S OFFICE**

(DR. JITENDRA SINGH):

- (a) Department of Space (DoS) is constantly engaged in efforts to broaden the use of NavIC in various sectors. Towards this, it has undertaken activities related to pilot projects, technology transfer to Indian industry, technical support, testing support, utilisation programmes, etc. DoS has made efforts for inclusion of NavIC in national/ international industry standards, thereby enabling efficient, consistent, and seamless adoption of NavIC in the products and solutions. At present 60+ smart phones from various manufacturers support NavIC.**
- (b) Pilot projects developed to expand NavIC based applications include i) Real-time train tracking wherein more than 10,000 trains are equipped with NavIC enabled tracking devices, ii) Fishing vessel tracking wherein 30,000+ vessels are equipped with NavIC enabled transponders, iii) Tracking of public & commercial vehicles wherein more than 140 device models certified and fitted in more than 15 Lakhs vehicles, iv) Setting up of secondary timescales with NavIC time**

transfer receivers for dissemination of common IST throughout India.

- (c) Government has not mandated NavIC yet. Discussions are ongoing regarding this possibility.**
- (d) NavIC civilian signals are open to all and can be utilised by any of the users in the NavIC coverage for their Positioning, Navigation and Timing (PNT) applications.**
- (e) International GNSS service providers regularly interact and collaborate for interoperability and signal coordination with NavIC.**
