

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.2729
TO BE ANSWERED ON 03.01.2018**

GPS ENABLED DEVICE IN TRAINS

2729. SHRI SUMEDHANAND SARSWATI:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways is contemplating to provide a GPS enabled device in trains to let the passengers track their train on local time basis;**
- (b) if so, the time by which the said facility is likely to be implemented in all trains;**
- (c) whether the said device has been tested successfully; and**
- (d) if so, the details thereof?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

(a) & (b): Yes, Madam. Ministry of Railways in collaboration with Indian Space Research Organisation (ISRO) is implementing Real-Time Train Information System (RTIS) which involves tracking of train by placing GPS / GAGAN (GPS Aided Geo Augmented Navigation System) based

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devices on locomotives. In Phase-I, the RTIS project will cover about 2700 electric locomotives in which the GPS device will be installed. This phase is planned to be completed by December, 2018. Remaining locomotives will be covered in subsequent phases.

(c) & (d): Yes, Madam. The trials for this system have been done on New Delhi – Guwahati and New Delhi – Mumbai Rajdhani trains on six electric locomotives. A reliable and high level (about 99.3%) of real time reporting of arrival departure timing updates has been observed, which is considered adequate to meet the RTIS requirements.
