GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

LOK SABHA
UNSTARRED QUESTION NO. 1804
TO BE ANSWERED ON 13.12.2023

REAL TIME TRAIN INFORMATION SYSTEM (RTIS) PROJECT

†1804. DR. SANJAY JAISWAL:

Will the Minister of RAILWAYS be pleased to state:

(a) the details of the Real Time Train Information System (RTIS) project used by the Indian Railways;

(b) whether the Railways has signed any agreement with ISRO for train tracking system in the country;

(c) if so, the details thereof; and

(d) the number of locomotives identified to be fitted with the said technology and the number of new locomotives being manufactured with the in-built tracking devices?

ANSWER

MINISTER OF RAILWAYS, COMMUNICATIONS AND

ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

(a) to (d): RTIS is a Made In India, edge processing, IoT (Internet of Things) based system that utilizes ISRO's Satcom and Satnav technologies for automatic train tracking. The real-time data of RTIS helps in tracking the location and speed of locomotives/trains. The RTIS is linked with National Train Enquiry System and Control Office Application system.

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An MoU has been signed between Centre for Railway Information System, Ministry of Railways and Space Application Centre, ISRO for development and implementation of SatCom and SatNav based RTIS system.

Presently, the RTIS system covers about 8700 locos. The manufacturing of locomotives is an ongoing process.

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