

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.3609
TO BE ANSWERED ON 08.08.2018**

ACCURATE SIGNALLING SYSTEM

† 3609. SHRI CHANDRAKANT KHAIRE:

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of measures taken to make railway signalling system more accurate;**
- (b) whether the Government proposes to use foreign technique in the new Railway signalling system;**
- (c) if so, the details thereof; and**
- (d) the funds allocated for the new Railway signalling system during the last four years and the details of works undertaken so far?**

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF RAILWAYS
(SHRI RAJEN GOHAIN)**

(a) to (c) : Signaling system design is a fail-safe design. Any failure of signaling equipment will lead to only safe side failure and will not cause any unsafe situation unless the system is interfered by human being.

In signaling, there is continuous improvement through technological upgradation. The best equipments suitable for Indian conditions available world-wide are being adopted as a continuous process. However, whenever such systems are provided it is ensured that indigenization of the systems takes place in phased manner.

A work for modernization of complete Signaling system on Indian Railways, which includes works of Automatic Train Protection (ATP) has been included in the works programme 2018-19 for implementation on complete 60,000 Route Kilometres (RKMs) on Broad Gauge (BG) network of Indian Railways subject to expenditure on this project to be made only after following due processes/mandatory approvals and sanctions.

(d) : Details of the fund allocated and expenditure thereon for Railway Signalling System during the last four years and the current year (upto June 2018) are as follows:

Years	Budget Grant (₹ in Crore)	Funds Utilized (₹ in Crore)	Progress of Panel Interlocking /Electronic Interlocking/Route Relay Interlocking (Stations)
2014-15	966.0	1006.0	244
2015-16	853.0	886.3	279
2016-17	958.0	954.2	346
2017-18	2331.3	1256.8	329
2018-19	2025.0	253.84 (upto June-18)	73 (upto June-18)
