

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 2650  
TO BE ANSWERED ON 03.01.2018**

**ANTI-COLLISION DEVICE**

**2650. SHRI KANWAR SINGH TANWAR:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) the current status of implementation of Anti-Collision Device to control train accidents;**
- (b) whether this device has since been tested and implemented successfully, if so, the details thereof; and**
- (c) if not, the action plan made to improve this device to make it effective in controlling train accidents?**

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF RAILWAYS**

**(SHRI RAJEN GOHAIN)**

**(a)to (c) : A Statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2650 BY SHRI KANWAR SINGH TANWAR TO BE ANSWERED IN LOK SABHA ON 03.01.2018 REGARDING ANTI-COLLISION DEVICE**

**(a) & (b) : Anti-Collision Device (ACD) was developed indigenously by Konkan Railway Corporation Limited (KRCL) and provided as a pilot project between Katihar and Guwahati for a route length of 1763 Kms. on Northeast Frontier Railway. The working of the system was carefully monitored after its commissioning. Unfortunately, complex operational and technical problems were experienced during this period which could not be fully resolved by KRCL due to design limitations of ACD. Meantime, projects for deploying anti-collision devices were also sanctioned on some more Zonal Railways in anticipation of the problems getting resolved. However, as this did not happen, it was decided that there will be no more proliferation of ACD in its present form on Indian Railways.**

**(c) : While looking for alternatives for use in place of ACD, it was found that a Train Protection System based on the European Train Control System (ETCS) would be able to prevent collisions between trains. This system was provided on Indian Railways in the following three sections:-**

- (i) Chennai - Gummidipundi Suburban Section of Southern Railway (50 RKMs).**
- (ii) Hazrat Nizamuddin – Agra Section of Northern/North Central Railway (200 RKMs).**
- (iii) Basin Bridge - Arrakkonam Section of Southern Railway (67 RKMs).**

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