

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

STARRED QUESTION NO:56

ANSWERED ON:24.11.2011

ANTI-COLLISION DEVICES

Panda Shri Prabodh;Paswan Shri Kamlesh

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of implementation of the Anti-Collision Device project by the Indian Railways;
- (b) the details of zonal railways which have deployed Anti-Collision Devices so far including the funds utilized for the purpose; and
- (c) the steps taken/being taken by the Railways to implement the said project in the remaining zones within a stipulated time-frame?

Answer

MINISTER FOR RAILWAYS(SHRI DINESH TRIVEDI)

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

STATEMENT REFERRED TO IN REPLY OF PARTS (a) TO (c) OF STARRED QUESTION NO. 56 BY SHRI KAMLESH PASWAN & SHRI PRABODH PANDA TO BE ANSWERED IN LOK SABHA ON 24.11.2011 REGARDING ANTI-COLLISION DEVICES.

(a) The deployment of Anti Collision Device (ACD) after initial trials was done on Northeast Frontier Railway (NFR) where it has been in service trial, as pilot project since July 2006. This was a single / double line non electrified Broad Gauge section. Based on the experience of the NFR, to improve reliability and dependability of ACDs and to test its functioning on multiple lines as well as electrified routes, the specifications and design configuration were revised and the system as evolved was tried on the electrified multiple lines, automatic signalling section of the Southern Railway in 2010-2011. Operational and technical problems noticed in Southern Railway trials are being looked into and a new ACD Version- II (now called Train Collision Avoidance System-TCAS) after successful validation and certification will be deployed on NFR.

(b) ACD has been implemented as a pilot project covering 1736 Route Kms and 548 Locomotives on non-electrified section of NFR and funds to the tune of Rs 95 crores have been utilised for the purpose till March 2011.

(c) To expedite implementation of ACD after successful validation, certification and deployment of improved ACD version II on NFR with acceptable performance as per defined parameters, works already sanctioned on Eastern, East Central, East Coast, South Eastern, Southern, South Central and South Western Railways covering 6750 Route Kms, shall be taken up.