

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:333
ANSWERED ON:23.11.2006
ANTI COLLISION DEVICE
Reddy Shri Karunakara G.

Will the Minister of RAILWAYS be pleased to state:

- (a) whether any progress has so far been made in installing Anti-collision Device (ACD) in trains;
- (b) if so, the details thereof;
- (c) the expenditure incurred on the project so far; and
- (d) the target fixed for installation of ACD in the entire Railways?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI R. VELU)

(a) Yes, Sir.

(b) Railway has carried out the Site Acceptance Test of Anti-collision Device (ACD) system deployed on Katihar - New Jalpaiguri - Guwahati during the period 31-07-2005 to 17-08-2005. During the tests, the system developed by Konkan Railway Corporation Limited (KRCL) was found to be having certain deficiencies as compared to the relevant specifications. Installation of ACD on Guwahati-Tinsukia-Dibrugarh section has also been completed. KRCL has been advised to further improve the ACD system design to eliminate the problems like generation of false messages, unnecessary brake applications and speed restrictions and to fit it in the remaining locomotives of North-east Frontier Railway (NFR). Final evaluation on NFR will be taken up on completion of all pending works by KRCL. ACD has also been installed on KRCL and shall be commissioned after successful implementation and certification of ACD project on NFR.

(c) The expenditure so far on ACD project on Indian Railways is about Rs. 82.18 Crores.

(d) After elimination of deficiencies observed on NFR and successful completion of the project on NFR, it is proposed to provide the ACD system over the Broad Gauge network of Indian Railways by 2013-14.