

**GOVERNMENT OF INDIA  
RAILWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:2611

ANSWERED ON:25.11.2010

ANTI COLLISION DEVICE

Majhi Shri Pradeep Kumar;Patel Shri Kishanbhai Vestabhai;Thamaraiselvan Shri R.

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

- (a) the year in which Konkan Railway Corporation Ltd. (KRCL) have started the work on Anti Collision Device (ACD) for Railways;
- (b) whether the work on improved version of ACD with revised specifications has been completed by the KRCL;
- (c) if so, the salient features thereof;
- (d) whether trial run of said revised ACD has been completed;
- (e) if so, the outcome thereof; and
- (f) the present status of implementation of Train Protection Warning System (TPWS) and Vigilance Control Device (VCD)?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF RAILWAYS (SHRI K.H. MUNIYAPPA)

- (a) Konkan Railway Corporation Ltd. (KRCL) started the work of Anti Collision Device (ACD) in the year 2000.
- (b) No, Madam.
- (c) Does not arise.
- (d) & (e) No, Madam. Part trial with modified ACD has been carried out on electrified multiple-line & automatic signaling section on Pattabhiram-Arakkonam section of Southern Railway in September/October, 2010. Konkan Railway Corporation Ltd have taken note of identified shortcomings for remedial action.
- (f) TPWS on 50 Route Kilometers is already commissioned on Southern Railway suburban section employing 81 EMU motor coaches. A pilot project is in progress on 200 Route Kilometers of non-suburban Delhi-Agra section on Northern/North Central Railway. Train Protection Warning System (TPWS) has also been sanctioned for 895 Route Kilometers on sections of Eastern, North Central, Southern, South Eastern and Western Railway. 1764 nos Diesel & 620 nos Electric locomotives have been provided with Vigilance Control Device (VCD).