

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:3696

ANSWERED ON:30.07.2009

MODERNISATION OF RAILWAYS SYSTEM

Bavalia Shri Kuvarjibhai Mohanbhai;Dhotre Shri Sanjay Shamrao;Ganpatrao Shri Jadhav Prataprao;Sharma Shri Madan Lal;Wankhede Shri Subhash Bapurao

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways have drawn up any plan to modernise the Railway system and to improve safety in signalling and telecom system;
- (b) if so, the details thereof;
- (c) the extent to which offset bad track, track fractures, technically failed components and human errors are likely to be detected; and
- (d) the progress made in respect of modernisation of railway track and telecommunication during the last three years?

Answer

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

(a) to (d): A Statement is attached.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 3696 BY SHRI MADAN LAL SHARMA, SHRI PRATAPRAO GANPATRAO JADHAO, SHRI SANJAY DHOTRE, SHRI KUNVARJIBHAI M. BAVALIYA AND SHRI SUBHASH BAPURAO WANKHEDE TO BE ANSWERED IN LOK SABHA ON 30-07-2009 REGARDING MODERNISATION OF RAILWAYS SYSTEM.

(a) & (b): Modernization and technological up-gradation of the railway system is an ongoing process and is one of the thrust areas of the 11th Five Year Plan (2007-2012). Various modernization activities covering passenger business, freight business and other areas were identified for implementation in the Integrated Railway Modernization Plan (IRMP) for the period 2005-2010. The plan to improve safety in signalling system include provision of route relay interlocking /panel interlocking / electronic interlocking, colour light signalling, LED Signals, axle counters, track circuiting, data loggers, onboard train protection system and interlocking of level crossing gates. To improve telecom infrastructure, it is planned to provide Optic Fibre and Quad Cables and Mobile Train Radio Communication, Satellite Communication and Voice Recorders.

(c) & (d): Modern technology and systems not only prevent failures including human errors, they enable detection of failures like rail fractures, other equipment failures and obstruction of track etc. During the last 3 years 12,530 Kilometers of track renewals have been done; 20,200 route kilometers of Optic Fibre and Quad Cable laid, Mobile Train Radio Communication (MTRC) commissioned on 700 route kilometers, 230 remote locations connected through V –Set Network and Voice Recorders provided in all Control Offices.