

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:201
ANSWERED ON:19.11.2009
TRACK MANAGEMENT SYSTEM
Gandhi Shri Feroze Varun

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways propose to introduce track management system to observe the impact of heavy haul trains on tracks and ascertain the success of track repairs;
- (b) If so, the details thereof;
- (c) whether the Railways have taken other measures to ensure longevity of railway tracks; and
- (d) If so, the details thereof?

Answer

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

(a): Indian Railways is introducing track management system to help field engineers in optimal, efficient and effective resource allocation (man, machine and material) and decision making. Track management system will work as a useful tool to make the inspection more focused and objective. Indirectly, it will also bring out the effect of heavy haul trains on the track.

(b): Work of Track Management System has been included as a sanctioned work in Final Works programme of year 2008-09. Accordingly, six pilot divisions have been identified to get the facility of TMS. Centre for Railway Information System (CRIS) has been charged with the responsibility for procurement of requisite hardware and software for this work. Depending upon the results obtained after its implementation, decision on its rollout on entire Indian Railways or otherwise shall be taken.

(c): Yes, Madam.

(d): Railways have taken following steps to ensure longevity of Railway tracks:

- i. Use of concrete sleepers
- ii. Use of heavy section of rails
- iii. Development of corrosion resistant rail by improvement of metallurgy of rail
- iv. Anti corrosive treatment of track components.
- v. Rail lubrication
- vi. Improved rail pads
- vii. Ballast deep screening
- viii. Introduction of wheel impact load detector
- ix. Change of alignment of train toilet chutes so that discharge does not fall on track rails and track fastenings
- x. Trial with environment friendly coach toilets
- xi. Weigh bridge to ensure overloaded wagons are not present in goods trains.