

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:591

ANSWERED ON:03.03.2005

MULTI SIGNAL COLOURED LIGHT SIGNALLING SYSTEM

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Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Government has introduced multi- signal coloured light signalling system at railway stations for accident free operation of trains keeping in view the increasing rail accidents in the country;
- (b) if so, the States in which this system is likely to be installed and the time by which installation work is likely to be completed; and
- (c) to what extent the new system is helpful in averting accidents ?

Answer

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

(a) & (b) Yes Sir, Multi Aspect Colour Light Signalling (MACLS) system has been provided at 3308 stations on Indian Railways as on 31.3.2004. This system is further being provided on Indian Railways at about 1250 stations as a part of replacement of overaged signalling assets at stations as well as at stations where Doubling or Railway Electrification works are in progress. These works are being carried out in almost all the States having Railway network. Sanctioned works charged to Special Railway Safety Fund (SRSF) are likely to be completed by 31.3.2007 and other sanctioned works in next 4 -5 years depending on availability of Funds.

(c) In MACLS system all signals are prewarned, which give the driver advance information about the aspect of signal ahead. Further, these signals have better visibility than semaphore signals. This leads to safer train operations. Further, at a station provided with Centralized operation of Signals and Points, track circuiting of station yard is also carried out along with MACLS. This prevents reception of a train on an occupied line, thereby improving safety further