GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

UNSTARRED QUESTION NO:2136
ANSWERED ON:22.07.2004
NEW MODERN SIGNALING SYSTEM
Tripathy Shri Braja Kishore

Will the Minister of RAILWAYS be pleased to state:

(a)whether the Railways has laid a new modern signaling system- route relay interlocking to avoid human error while operating signals;

(b)if so, the details of new system;

(c)the names of the Railway Stations selected for installation of new system in various zones;

(d)the installation cost likely to be incurred by Railways for above system; and

(e)the time by which the system is likely to be installed by Indian Railways?

Answer

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

(a) & (b) Yes, Sir. Modern relay/ electronic based route setting type of interlocking systems are being provided in replacement of overaged signalling assets. Modern interlocking system offers better operational efficiency, flexibility & enhanced safety by providing quick route setting by pressing entry & exit button on a central control panel. Since the system provides for complete track circuiting of the yard for track occupancy verification and electrical operation of points and signals and minimizes the involvement of human element in train operation s,it ensures greater safety in train operation.

(c) There are 1550 stations,where work of providing such systems are in progress.Railway-wise number of stations being provided with these system as on 01.07.2004 is at appendix 'A'.

(d) Average cost of providing such system at a station is approximately Rs. 1.5 crore per station, which varies according to the size of the station.

(e) Sanctioned works, which are in progress, are likely to be completed in next 3-4 years subject to availability of funds.

Appendix- 'A'

Appendix Referred to in reply of Part (c) of Unstarred Question No. 2136 by shri Braja Kishore Tripathy to be answered in Lok Sabha on 22.07.2004 regarding New Modern Signaling System.

RAILWAY	Number of Stations being provided with
Central Railway	118
Eastern Railway	195
Northern Railway	263
North Eastern Railway	22
Northeast Frontier Railway	43
Southern Railway	55
South Central Railway	101
South Eastern Railway	132
Western Railway	44
East Central Railway	130
East Coast Railway	99
North Central Railway	154
North Western Railway	13
South East Central Railway	71
South Western Railway	34
West Central Railway	76

Total 1550