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Installing bio-toilets in train coaches

756. SHRI Y. S. CHOWDARY: Will the Minister of RAILWAYS be pleased to state:

- (a) whether it is a fact that Railways propose to install bio-toilets in train coaches to get rid of manual scavenging on railway tracks across the country;
- (b) if so, the details thereof; and
- (c) by when it is likely to take off?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI BHARATSINH SOLANKI): (a) Yes, Sir. Indian Railways has proposed to install bio-toilets in train coaches with a view to develop designs suitable for Indian Railways conditions.

(b) and (c) Approximately 130 bio-toilets have been installed in coaches on Indian Railways and are under trial. Extended trials on several rakes are already planned. Further propagation will be done as per results of the trials.

Development of Anti-Collision Device

‡757. SHRIMATI MAYA SINGH: Will the Minister of RAILWAYS be pleased to state:

- (a) whether IIT Kanpur has developed an anti-collision device by which the accidents can be prevented and various activities of Railways can be monitored through satellite;
- (b) if so, the steps being taken for putting it into use;
- (c) whether any other Department/IIT is also working on this technology; and
- (d) whether any project is going on under Technology Mission on Railway Security?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI BHARATSINH SOLANKI): (a) No, Sir.

- (b) Does not arise.

‡Original notice of the question was received in Hindi.