

**SMS BASED COACH INFORMATION RETRIEVAL SYSTEM COMMISSIONED  
ON CENTRAL RAILWAY AND INAUGURATED BY CHAIRMAN, RAILWAY  
BOARD ON 21<sup>ST</sup> DECEMBER 2009**

Chairman, Railway Board, Shri S.S. Khurana inaugurated SMS based coach information retrieval system on Central Railway on 21.12.2009.

To use the system, user has to SMS coach No. to "99876 45039 " and gets back return SMS giving following details:

1. POH/IOH details of the coach
2. KMs earned by the coach since the last POH
3. Wheel dia of the coach

Server data base is being further augmented to provide more details.

The advantage of the system is that with the help of a Mobile Phone round the clock on any day vital coach information can be obtained which is useful for managing following items of rolling stock management:

1. Failure analysis
2. Schedule planning
3. Feed planning to workshop
4. Providing right size of wheel promptly in case of wheel defects

The system has been developed in-house by the Section Engineers & AME/BB division.

Chairman, Railway Board sanctioned a Group Award of Rs.10,000/- for this achievement.

How the system works....

- Coach No is sent as a query to a GSM modem attached to the main server at CSTM through the service provider as SMS.
- The main server reads the SMS and decodes the mobile and coach No
- Information regarding PRO particulars, Wheel Diameter, Kms earned and train in which coach is presently running is retrieved from database.
- Above information is sent back to service provider through GSM modem
- The information is forwarded to the mobile No from which query was raised by the service provider
- All this activities take 1-2mins
- Programming has been done in-house by Coaching Staff of Mumbai Division