

Real Time Train Information System (RTIS) based on 'SIMRAN' becomes Functional from 19TH October 2011

In a major passenger friendly move, Indian Railways has opened the first phase of the Real Train Information System (RTIS) to public for accurate train tracking thus heralding a new era of application of advanced communication and information technologies in various Railway related activities.

This new tracking system is based on Satellite Imaging for Rail Navigation (SIMRAN) and has been developed jointly by the Ministry of Railways' Research arm namely Research, Design and Standards Organization (RDSO), Lucknow and noted engineering institute, IIT, Kanpur.

Union Minister of Railways, Shri Dinesh Trivedi inaugurated this facility during the Economic Editors' Conference held here yesterday.

The trains covered for this first phase are following 6-pair of trains:

12301 Howrah - N Delhi Rajdhani
12302 N Delhi - Howrah Rajdhani
12305 Howrah - N Delhi Rajdhani
12306 N Delhi - Howrah Rajdhani
12313 Sealdah - N Delhi Rajdhani
12314 N Delhi - Sealdah Rajdhani
12951 Mumbai Central - N Delhi Rajdhani
12952 N Delhi - Mumbai Central Rajdhani
12953 Mumbai Central - Nizamuddin A K Rajdhani
12954 Nizamuddin - Mumbai Central A K Rajdhani
12003 Lucknow - N Delhi Shatabdi
12004 N Delhi - Lucknow Shatabdi

This facility will provide accurate train running information on a click of button or through SMS and will overcome limitations of the existing train information dissemination through 139 which is mainly dependent on manual collection and feeding.

RTIS system deployed in the trains mentioned above will provide the following information to public/passengers:

(i) Train locations.

(ii) Train running position (i.e. whether train is running on time or if running late and by how much.

(iii) Train location with respect to next stopping station in terms of kms.

This information will be available on website “<http://www.simran.in/>”.

Public may also get the train running information through SMS by sending a text message “<train number>” to mobile number 09415139139. A typical message received by passenger say for train number 12004, a Shatabdi Exp. train, is as under:-

"On 19/10/2011 10:00, Train 12004 N Delhi – Lucknow Shat. is running at 129 kmph near Bharthana, 126 km from KANPUR CENTRAL. Presently Right on time".

The above message is actual reply received to a SMS query.

Ministry of Railways has decided to implement RTIS to track all trains, passenger as well as freight trains in a phase manner. For this, a work has been approved in Railway Budget 2011-12 at a cost of Rs. 110.0 crore. The project is likely to be completed by December 2012.

<http://www.simran.in/>