

**Sub: Action plan to realize the goals of Vision 2020.**  
**Ref: Adv(Safety)'s Note o. 2008/Safety-I/22/1**  
**dated 30.7.10**

Action plan to minimize communication failures and strengthen the communication for improving safety, the following action plan to proposed realize goals of vision-2020:-

**(i) Replacement of overhead alignment with underground cable.:**

On date 2500 kMs of overhead alignment is still in use in IRs for control communication. The action plan to replace the overhead alignment is as under:-

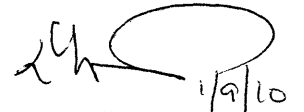
SN	Activity	2010-11 & 11-12	2012-13 & 13-14	2014-15 to 16-17	2017-18 to 19-20
1	Sanction of OH alignment by QC	800 kM	700 kM	1000 kM	
2	Cost estimate	48 Cr.	42 Cr.	60 Cr.	
3	Technology used	Provision of 6-Quad Cable communication			
4	Fund requirement	24 Cr.	48 Cr.	60 Cr.	18 Cr.
5	Target to achieve	400 kM	800 kM	1000 kM	300 kM

**(ii) Provision of Mobile Train Radio Communication system:**

As per RSRC recommendations, MTRC system was to be provided on all A, B & C routes of Indian Railways. In line RSRC recommendations, it is planned to provide MTRC system on all A, B, C & High Density routes totaling 20,000 kMs on Indian Railways as per Vision 2020. The action plan to provide MTRC system is as under:-

SN	Activity	2010-11 & 11-12	2012-13 & 13-14	2014-15 to 16-17	2017-18 to 19-20
1	Provision of Mobile Train Radio Communication	4000 kM	4000 kM	6000 kM	6000 kM
2	Cost estimate	280 Cr.	280 Cr.	420 Cr.	420 Cr.
3	Technology used	GSM(R) based Wireless Mobile Train Radio communication system,			
4	Fund requirement	140 Cr.	280 Cr.	420 Cr.	560 Cr.
5	Target to achieve	2000 kM	4000 kM	6000 kM	8000 kM

The information is put up for further necessary action.

  
**ED(Tele)**  
**1.9.10**

**Adv(Safety)**  
