

GOVERNMENT OF INDIA (BHARAT SARKAR)
MINISTRY OF RAILWAYS (RAIL MANTRALAYA)
(RAILWAY BOARD)

No.2010/Tele/1(1)/1/Pt.

New Delhi,
Dated: 12.7.12

Chief Signal & Telecom Engineers,
All Indian Railways.

Sub: GSM(R) implementation scheme.

Implementation of GSM(R) system is under way in 5 railways namely; NR, NCR, ECR, ER & NFR. As per the original plan, MSC/ IN were to be provided on each zonal railway. However, this scheme created boundaries between railways needing registration/de-registration by GSM(R) subscribers while crossing from one railway to another. Therefore, in order to provide GSM(R) seamless network, RDSO led committee was constituted and based on the recommendations of this committee, following scheme of provision of MSC/IN has been approved:-

CR ✓
ER ✓
NR ✓
NE ✓
NFR ✓
NCR ✓
ECR ✓
ER ✓
NR ✓
NCR ✓
NWR ✓
NWR ✓
ECR ✓
NWR ✓
METRO Rly Kolkata ✓

- (i) For voice communication, all Indian Railways will be covered with GSM(R) coverage by using 4 MSCs provided at Delhi, Agra, Kolkata and Guwahati.
- (ii) Intelligent Networks(INs) provided at Delhi and Kolkata in mated pair configuration will serve for all Indian Railways. MSCs located at Guwahati and Agra shall be linked to Delhi as well as Kolkata based MSC/IN.
- (iii) Requirement of additional MSC(s) shall be considered only when GSM(R) network is used as backbone for ETCS level-2 signalling application..

MSC/IN connectivity diagram is enclosed.

Zonal Railways are advised to take into consideration the approved GSM(R) implementation scheme mentioned above for planning, preparation of works proposal etc.

OK
Please see 2804
12/7/12

12/12/2012
Railway Board, New Delhi

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GSM (R) Implementation Scheme

