GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No.2006/Safety (A&R)/3/12 **New Delhi, dated 18.03.2011**

General Managers,
All Indian Railways

MD/Konkan Railway Corporation,

Chief Signalling & Telecommunication Engineers,
All Indian Railways

Chief Operations managers,
All Indian Railways

Director General, Railway Staff College, Vadodara

Director, IRITM/Lucknow

Principals,
All Zonal Railway Training Institutes.

Sub: Alert advice No 2/2011

Based on the prima facie causes of consequential train accidents taken place recently on account of point operation under wheel, following alerts are advised for taking necessary precautions to preempt similar cases:-

- In two of the cases, the track circuit cleared even when there was train on the track due to improper track bonding.
  Railways are advised to carry out intensive checks on the track bonding plan (design as well as actual connections) on each and every station to ensure that no dead sections are possible and the track circuits remain fail safe.

- Cases of short cut being applied by the S&T/operating staff in releasing the route prematurely using emergency route release have also led to point operation under wheel. In one of the cases, due to faulty wiring , an emergency route release done prematurely led to operation of point under wheel without any point operation command from the panel. It was also found that there were a large number of emergency cancellations done with collusion of ESM & ASM during last few months at this station.

This indicates that proper testing was not done at the time of commissioning. This is also a complete failure of officers and supervisory staff who failed to detect such large number of cases of emergency cancellations during their inspections.

Railways should ensure that all laid down procedures of testing as per Chapter XIII of the SEM, are strictly adhered to before commissioning of PI/EI/RRI installations. Intensive counseling of S&T and operating staff may be done so that they refrain from resorting to shortcut measures.

Sample checks may be carried out at officers level on procedures followed during normal/emergency cancellations, use of crank handle, point operation with track circuit occupied, opening of Relay rooms etc.

(Sunil Kumar)
Adviser/ Safety

Copy to:

- **Chief Safety Officers, All Indian Railways.**
- **AM/Signal for information.**