Sub: Trial of electric locomotive fit to run at 200 kmph.

The matter of trial of one electric locomotive fit to run at 200 kmph was discussed in Board’s meeting held on 21.06.2017. Board has directed as under:

"MTR briefed the Board that one electric locomotive fit to run at 200 Kmph is scheduled to be produced by CLW by upgrading an existing WAP5 locomotive by February, 2018. In order to conduct necessary trials, a suitable section of 25/50 kms stretch needs to be made ready."

In this regard, necessary action may be taken for identification of suitable section for the trial and the details may be apprised for Board’s information.

The details of trial scheme, acceptance criteria, track and bridge standards proposed to be adopted for design speed of 200 Kmph and the maintenance standards may also be submitted to Board.

It may please be ensured that necessary measurements of rail wheel interaction, forces exerted at the wheel tread on the rail and accelerations at axle box and bogey frame level are properly recorded during the trial with the help of a measuring wheel and accelerometers for proper assessment of safety against derailment, contact stresses and ride quality.