and Conductor , was traveling southbound from At approximately 5:45 PM, Train No. 131, Engineer Meridian, MS to New Orleans when the crew observed a clear indication on signal 134.3. The crew knew they should have had an approach indication because southbound Train No. M30 was stopped in the second block ahead. They were aware of M30's location on account of radio conversation.

Signal personnel were called to investigate. The signals in this territory are controlled by ElectroCode II electronic track circuits. Though the problem was not duplicated in the field, they did witness a more restrictive indication on the 134.3 signal under similar conditions. The code generator responsible for the 134.3 signal indication (at the next signal south) was found to be causing the false restricting when it was purposely vibrated in its socket. This code generator was never seen to cause a false clear in the field, even when vibrated. However, when the unit was beach tested at Birmingham with a code-two (approach) continuously generated, it was able to get a receiver to decode a code-four (clear) for about 9.5 seconds by wiggling the card. The unit was returned to the manufacturer for further analysis and their recommendations.

The manufacturer stated they were able to duplicate the problem and traced it to mechanical loosening of the connection at one end of a capacitor. This fault was found to only upgrade an approach code to a clear code or down grade to restricting, and then only sporadically and momentarily while the card was being vibrated. It would not upgrade from a red. It was not determined what could have been vibrating the case where the card unit was boused. Recommendations are to be provided by the manufacturer.

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