

NATIONAL TRANSPORTATION SAFETY BOARD
Vehicle Recorder Division
Washington, DC 20594

July 19, 2018

Onboard Image Recorder

Specialist's Factual Report
By Jane Foster

1. EVENT

Location:	Biloxi, Mississippi
Vehicle #1:	2016 Vanhool Motor coach
Operator #1:	Echo Transportation
Vehicle #2:	Locomotive
Operator #2:	CSX
Date:	March 7, 2017
NTSB Number:	HWY17MH010

2. GROUP

A group was not convened.

3. SUMMARY

For a summary of the crash, refer to the *Crash Summary Report* in the docket for this investigation.

4. DETAILS OF INVESTIGATION

The National Transportation Safety Board (NTSB) Vehicle Recorder Division received image recordings from the following device:

Recorder Manufacturer/Model:	Lytix DriveCam
Recorder Serial Number:	Unknown

4.1. Recorder Description

The Lytx DriveCam is a monitoring and recording device that continually tracks driving performance metrics and records pertinent information when triggered by critical events, such as stability control or hard braking. The Lytx DriveCam has both an outward and inward facing camera.

4.2. Video Files

The DriveCam was mounted midpoint on the left edge of the right windshield pane; the device included a two-channel image recorder for recording video from forward- and inward-facing cameras. The extracted data showed that the DriveCam system captured crash relevant information, including 28 seconds of video data from both cameras.

4.3. Summary of Recording Contents

In agreement with the Investigator-In-Charge, a video group did not convene and a summary report was prepared.

4.3.1. Video Recording One: Forward Facing

The outward facing video camera recorded eight seconds of preimpact and 8 seconds of postimpact video. The video shows that the vehicle was stationary prior to impact.

4.3.2. Video Recording Two: Inward Facing

The outward facing camera recorded eight seconds of preimpact and 4 seconds of postimpact video. The video starts when the loading door at the front of the motorcoach was already open. During the video, four passengers evacuate the motorcoach through the front-loading door prior to impact. The video then shows two other passengers, in the process of evacuation, ejected through the front-loading door at impact.