

63. **Electronic Stability Control Systems for Heavy Vehicles**

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Popular Title: Truck Tractor Electronic Stability Control**RIN 2127-AK97****Stage:** Undetermined**Previous Stage:** NPRM 05/23/12; End of C/P: 08/21/12

Abstract: This rulemaking would promulgate a new Federal standard that would require stability control systems on truck tractors and motorcoaches that address both rollover and loss of control crashes, after an extensive research program to evaluate the available technologies, an evaluation of the costs and benefits, and a review of manufacturer's product plans. Rollover and loss of control crashes involving heavy vehicles is a serious safety issue that is responsible for 304 fatalities and 2,738 injuries annually. They are also a major cause of traffic tie-ups, resulting in millions of dollars of lost productivity and excess energy consumption each year. Suppliers and truck and motorcoach manufacturers have developed stability control technology for heavy vehicles to mitigate these types of crashes. Our preliminary estimate produces an effectiveness range of thirty-seven to fifty-six percent against single-vehicle tractor-trailer rollover crashes and three to fourteen percent against loss of control crashes that result from skidding on the road surface. With these effectiveness estimates, annually, we estimate 29 - 66 lives would be saved, 517 - 979 MAIS 1-5 injuries would be reduced, and 810 - 1,693 crashes that involved property damage only would be eliminated. Additionally, it would save \$10 - \$26 million in property damage and travel delays. Based on the technology unit costs and affected vehicles, we estimate technology costs would be \$55 to 107 million, annually. However, the costs savings from reducing travel delay and property damage would produce net benefits of \$128 - \$372 million. This rulemaking is responsive to requirements of the Moving Ahead for Progress in the 21st Century (MAP-21) Act.

Effects:

Economically Significant

Major

Federalism

Prompting action: None**Legal Deadline:** Final Rule : 07/05/2014**Rulemaking Project Initiated:** 03/18/2011**Docket Number:****Dates for Undetermined:**

Milestone	Originally Scheduled Date	New Projected Date	Actual Date
To OST			
To OMB			
OMB Clearance			
Publication Date			
End of Comment Period			

Explanation for any delay: N/A**Federal Register Citation for Undetermined:** None