Reducing Excessive Heavy Vehicle Driving Fatigue And Resultant Catastrophic Heavy Vehicle Highway Accidents

A breakthrough in technology solves the long-standing truck and bus excessive driving fatigue problem that has been responsible for numerous catastrophic heavy vehicle highway accidents. When learning to drive a heavy truck or bus, the first thing a driver learns is that holding the steering wheel straight will not keep a heavy vehicle going straight. Keeping a heavy vehicle tracking straight and safely under directional control requires an inordinate amount of left and right steering corrections, thereby resulting in an excessive amount of driving fatigue.

Over the many years, the brilliant engineers and designers of the heavy vehicle industry have made enormous progress in the function and reliability of their products. However, there remains a long-standing major problem related to the lack of vehicle directional stability that has now been solved. In regard to this major accomplishment by others, the heavy vehicle industry has taken a complacent attitude because of the NIH factor (Not Invented Here), by applying the old platitude that says "if it ain't broke, don't fix it." The facts are that the heavy vehicle steering components are not broken, they simply don't have the technology to achieve the directional stability that is direly needed to greatly reduce heavy vehicle driving fatigue and related heavy vehicle catastrophic highway accidents.

The proven cost effective technology that does away with the serious lack of heavy vehicle directional stability, is here for the asking. It is also probable that the highly qualified heavy vehicle design community would come up with additional technology to solve the heavy vehicle directional stability problem if it becomes mandatory to do so.

The new technology is more than paid for by a substantial savings in operational costs. The new technology not only greatly reduces driving fatigue, it also greatly reduces the long-standing excessive heavy vehicle steer wheel tire wear problem that is caused by the inherent unstable behavior of the steer wheels.

Another major heavy vehicle highway safety issue that is also solved by the new technology, is the loss of directional control during steer wheel tire blowouts. Heavy buses and trucks equipped with the new technology have encountered steer wheel tire blowouts. In each instance, the vehicle drivers have reported easy straight-line controllability without the customary steering wheel fight and loss of directional control.

With Heavy Vehicle Highway Safety Foremost In Mind

All heavy over-the-road vehicles have a critical need for greatly improved directional stability so they will be far less fatiguing to operate and safer on the nation's highways.

Time Is Of The Essence

Even though the proven technology is here for the asking, it will require some time after a mandatory requirement becomes effective before all new production heavy over-the-road vehicles will be available with the new low-fatigue drivability . Further more, it will take several years for all of the high-fatigue drivability vehicles to be replaced by the safer new production models.

For additional technical information on the Howard Precision Steer Wheel Control System please contact:

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