



Informal presentation on the protection of steering gear attached to the chassis frame and a associated parts on heavy truck in connection with road accidents.



Based on this development, the Norwegian Public Roads Administration wishes inform GRRF-ECE members and advisory organizations. About the background for this informal briefing.

Accidents with heavy vehicles often have serious consequences. In case of serious accidents. The accidents are often investigated by the Norwegian Accident Investigation Board for transport in Norway

Sometimes this results in recommendations that the Norwegian Public Roads Administration must take into account. This recommendation presented here in applies to UN Regulation No. 79 which describes steering gear and attachment to the chassis frame .



Based on this informal presentation, the Norwegian Public Roads Administration wishes this group's views on the issue and any proposals for amendments to the current UN Regulation No. 79.

Due to accidents such as collision with vehicles running in the opposite roadway have resulted in loosened of steering gear from the attachment point in the frame on the heavy vehicles. This often causes major accidents on Norwegian roads.

We wish to present the English summary of the report, that was made in connection with the accident:



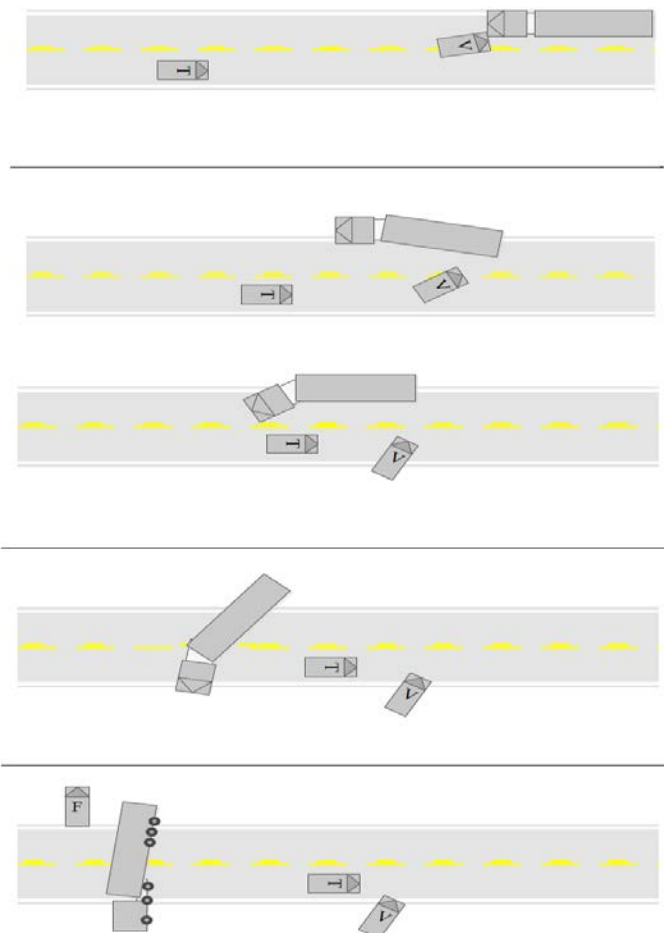
ENGLISH SUMMARY

In the evening of 18 June 2012, a heavy tanker truck, comprising a tractor unit and semi-trailer, started from Jessheim bound for Sjursøya in Oslo to load approx. 18 000 litres of petrol and approx. 22 000 litres of diesel. After loading at Sjursøya, the tanker headed north to unload at the small town of Koppang in the Østerdalen valley.

Approx. 15 km north of Elverum on Norwegian national road 3 (Rv 3), a Volkswagen Transporter van drove south on a straight stretch.

The van got into the lane for north-bound traffic and collided front to front with the tanker. As a result of the impact, the steering worm on the tanker broke loose from the frame, and the driver of the tanker was unable to steer. The tanker went off the road on its side of the road, but quickly returned to the road before overturning to the right and lying on its side, blocking the road. The tanker rapidly caught fire.

Fig 1. The accident occurs



Location of accident vehicle, as gasoline and diesel take on fire

Involved vehicles in the accident:

Scania tractor of type R560, 2008 model with three axles and with a total weight of 27 t. The tractor was connected to a 3. axle ADR tank semi with a volume on 46m³ With gasoline and diesel.

The van came across the opposite lane and collided with the Scania tractors front on the left side.

The van was a Volkswagen Transporter 2008 model. It was compact and well loaded but no overload.



Figur 2: Viser at styresnekken har løsnet fra sine opprinnelige festepunkter i rammen. Foto: Statens vegvesen