

Submitted by the expert from the European
Commission

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**Proposal complementing a new proposal for a new 07 series
of amendments to UN Regulation No.48 (document
ECE/TRANS/WP.29/GRE/2018/44)**

The text reproduced below was prepared by the expert from the European Commission with the aim to introduce a requirement of mandatory presence of emergency stop signal (ESS) on all categories of motor vehicles and trailers.

I. Proposal

Paragraphs 6.23., amend to read:

6.23. Emergency stop signal

6.23.1. Presence

~~Optional.~~ **Mandatory on motor vehicles and on trailers.**

The emergency stop signal shall be given by the simultaneous operation of all the stop ~~or direction indicator~~ lamps fitted as described in paragraph 6.23.7.

II. Justification

1. The proposal is an attempt to align the existing ESS presence requirements with the results of the TRL's "Cost-effectiveness analysis of policy options for the mandatory implementation of different sets of vehicle safety measures (March 2018¹) in the context of the review of the General Safety and Pedestrian Safety Regulations in the EU.
2. Mandatory presence of ESS on all motor vehicles and trailers will help drivers to earlier and easier recognise the hard braking situation that might prevent a collision or reduce the resulting impact speed. The mentioned cost benefit analysis demonstrates significant cost-effectiveness in this regard.
3. Since the introduction of direction indicators with 'sequential activation', the correct function of ESS cannot be guaranteed when e.g. trailers are fitted with such sequential direction indicators whereas the motor-vehicle generates the signal. This may lead to a situation where the stop lamps are not activated on the trailer and the sequential direction indicators malfunction due to the high blinking frequency rate.

¹ <https://publications.europa.eu/en/web/eu-law-and-publications/publication-detail/-/publication/ed4aff17-49c5-11e8-be1d-01aa75ed71a1>