

Interpretation concerning the activation of the tell-tale, in event of malfunction of Direction Indicators equipped with multiple LED's (multiple light sources)
(transmitted by the expert from the Netherlands)

BACKGROUND

There is discussion in the Netherlands over the interpretation concerning the activation of the tell-tale, in the event of malfunction of Direction Indicators which are equipped with multiple LED's (multiple light sources, more than two).

Regarding the tell-tale requirements for Direction Indicators Regulation No. 48, paragraph 6.5.8. states the following:

6.5.8. Tell-tale

Operating tell-tale mandatory for front and rear direction-indicator lamps. It may be visual or auditory or both. If it is visual it shall be a flashing light which, at least in the event of the malfunction of any of the front or rear direction-indicator lamps, is either extinguished, or remains alight without flashing, or shows a marked change of frequency. If it is entirely auditory it shall be clearly audible and shall show a marked change of frequency, at least in the event of the malfunction of any of the front or rear direction-indicator lamps. Etc. etc.

QUESTION

When shall the tell-tale be activated, indicating the event of malfunction of the Direction Indicator equipped with multiple LED's (multiple light sources, more than two)?

INTERPRETATION

Several possibilities could be considered, they are listed below.

The tell-tale shall be activated, indicating the event of malfunction, as soon as:

1. The Direction Indicator lamp does not meet the minimum require intensity of light emitted.
2. One LED (light source) fails.
3. More than one LED (light source) fails.
4. More than [...] % of the total number of LED's (light sources) have failed.
5. Other

The Netherlands would like to hear the opinions of other delegates on this issue, including the experts from GTB.
