

Distr.
GENERAL

TRANS/WP.29/GRE/2002/32
17 July 2002

Original: ENGLISH

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Lighting and Light-Signalling (GRE)
(Forty-ninth session, 30 September - 4 October 2002,
agenda item 7.9.)

PROPOSAL FOR COLLECTIVE AMENDMENTS TO
REGULATIONS Nos. 6, 7, 23, 38, 50, 77, 87 and 91

Transmitted by the Expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the expert from GTB with the aim to align the test provisions of the Regulations with those of Regulation No. 48.

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

A. PROPOSAL

REGULATION No. 6 - DIRECTION INDICATORS

Paragraph 7.3., amend to read:

"7.3. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

REGULATION No. 7 - FRONT AND REAR POSITION (SIDE) LAMPS; STOP-LAMPS AND END-OUTLINE MARKER LAMPS

Paragraph 7.4., amend to read:

"7.4. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

REGULATION No. 23 - REVERSING LAMPS

Insert a new paragraph 7.2., to read:

"7.2. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

REGULATION No. 38 - REAR FOG LAMPS

Insert a new paragraph 7.2., to read:

"7.2. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

REGULATION No. 50 - FRONT POSITION LAMPS; REAR POSITION LAMPS; STOP LAMPS; DIRECTION INDICATORS AND REAR-REGISTRATION-PLATE ILLUMINATING DEVICES FOR MOPEDS AND MOTOR CYCLES

Paragraph 8.2., amend to read:

"8.2. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

REGULATION No. 77 - PARKING LAMPS

Insert a new paragraph 8.2., to read:

"8.2. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

REGULATION No. 87 - DAYTIME RUNNING LAMPS

Insert a new paragraph 10.3., to read:

"10.3. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

REGULATION No. 91 - SIDE-MARKER LAMPS

Insert a new paragraph 9.3., to read:

"9.3. The limits of the apparent surface in the direction of the reference axis of a light-signalling device shall be determined."

* * *

B. JUSTIFICATION

The provisions of Regulation No. 48 regarding the distance between two lamps and the position of lamps in height and width refer to the apparent surface of the respective light-signalling device. It has been recognized that measurements, either in the design stage or on the actual vehicle, to demonstrate compliance with these provisions could be carried out in a reliable and reproducible manner if the relevant data for the light-signalling devices are known. It is for this reason that Regulations Nos. 6, 7 and 50 include requirements for the determination of the vertical/horizontal outlines of the illuminating surface; other Regulations on light-signalling devices do not include this requirement.

In actual test experience Technical Services have found that it would be practical to determine the apparent surface when carrying out approval tests for light-signalling devices; suitable wording of test procedure would also establish coherence with the provisions of Regulation No. 48.
