

PROPOSAL FOR A DRAFT AMENDMENT TO REGULATION No. 3

A. PROPOSAL

Contents, "ANNEXES",

Title of appendix of annex 5, amend to read:

"Annex 5 - Appendix - Retroreflectors for trailers - Class IIIA and IIIB"

Title of annex 16, amend to read:

"Annex 16 Test procedure for Class IB and IIIB devices"

Text of the Regulation,

Paragraph 2.15., amend to read:

"2.15. Retro-reflecting devices are divided into three classes according to their photometric characteristics: Class IA or IB, Class IIIA or IIIB and Class IVA."

Paragraph 2.16., amend to read:

"2.16. Retro-reflecting devices of Class IB and IIIB are devices combined with other signal lamps which are not watertight according to annex 8, paragraph 1.1., and which are integrated into the body of a vehicle."

Paragraph 5.5.1.3., amend to read:

"5.5.1.3. a group of symbols IA, IB, IIIA, IIIB or IVA showing the class of the approved retro-reflecting device."

Paragraph 7.1., amend to read:

"..... The test procedures are described in annex 4 (Class IA, IIIA), annex 14 (Class IVA) and annex 16 (Class IB, IIIB)."

Annex 3,

The note, amend to read:

"..... The competent authorities shall avoid using approval numbers IA, IB, IIIA, IIIB and IVA which might be confused with the class symbols IA, IB, IIIA, IIIB and IVA.

These sketches"

Annex 5,

Paragraph 2., amend to read:

"2. SHAPE AND DIMENSIONS OF RETRO-REFLECTING DEVICES IN CLASS IIIA AND IIIB"

Paragraph 2.1., amend the words "Class III A" to read "Class III A and III B".

Paragraph 2.6., amend the words "Class III A" to read "Class III A and III B".

Annex 5, appendix, amend to read:

"RETROREFLECTORS FOR TRAILERS - CLASS IIIA AND IIIB"

Annex 7,

Paragraph 2., amend to read:

"..... of the area to be used. In the case of Class III A, III B and Class IV A", the whole of"

Paragraph 3.1., amend to read:

"3.1. Class IA, Class IB, Class IIIA and Class IIIB"

Paragraph 3.1.1., the table, in the column "Class" on the third line, amend the entry "IIIA" to read "IIIA, IIIB".

Annex 8, paragraph 1.2., amend to read:

"1.2. Alternative test procedure for Class IB and IIIB devices"

Annex 16, amend to read:

"Annex 16

TEST PROCEDURE FOR CLASS IB AND IIIB DEVICES

Retro-reflecting devices of Class IB and IIIB shall be tested according to the test procedures specified in annex 4, following the chronological order of tests given in annex 12, with the exception of the test according to annex 8, paragraph 1., which for Class IB and IIIB devices may be replaced by the test specified in annex 8, paragraph 1.2."

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B. JUSTIFICATION

1. By permitting the triangular rear retro-reflector to be Class IIIB and to have common apparent surface with other lamp or lamps makes possible to use common, widely proven solutions or even common parts with vehicle lamps, which improves the general quality level of trailer lamps.
2. The safety decreasing situation where snow attach to retro-reflector is avoided because the heat coming from lamps melts the snow away from retro-reflector.
3. This also makes possible the devices to get the same type of appearance as other automotive lighting devices; it gives more volume.
4. Because the area of triangular rear retro-reflector is quite big it still meets the photometrical requirements even when other signalling function can be seen through the apparent surface of retro-reflector, that is, some prisms are replaced by other type of optics. The shape of retro-reflector remains the same and reflects normally even when the signalling function is switched on.