

**DRAFT PROPOSAL ON**

**ECE R48**

**Concerning the trailers which are intended to use indivisible/exceptional  
road transportation**

## REGULATION No. 48

### Conspicuity Marking Item 6.21.

#### PROPOSAL

#### Paragraph 6.21.4.2.2.2., amend to read:

6.21.4.2.2.2. For trailers, the overall length of the vehicle (including the extendible section if any and excluding the drawbar).

#### JUSTIFICATIONS



The trailers intended to transport for indivisible goods may have the extendible sections. Max. extendible section length should be taken into account for specifying the cumulative horizontal length of the conspicuity marking.

## REGULATION No. 48

### Special Warning Lamp

*Insert new paragraph 2.7.32.*

2.7.32. "Special warning lamp" means a lamp emitting amber light intermittently for use on vehicles

*Paragraph 5.15. amend to read:*

.....

Special Warning Lamp : Amber

*Insert new paragraph 6.27*

6.27. Special Warning Lamps (Regulation No. 65)

### 6.27.1. Presence

Optional on N3 category motor vehicles and O4 category trailers which are intended for indivisible goods transportation

### 6.27.2. Number

Such that the device warns to other road users

### 6.27.3. Arrangement

No special requirement.

### 6.27.4. Position

#### 6.27.4.1. Width

No special requirement.

#### 6.27.4.2. Length

The special warning lamps shall be as close as practicable to the ends(front and rear)of the vehicle.

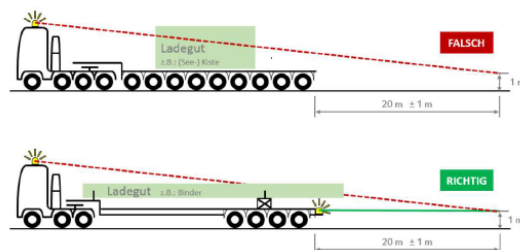
#### 6.27.4.2. Height

At the maximum height compatible with the requirements relating to design and operational requirements of the vehicle.

### 6.27.5. Geometric visibility

The special warning lamp shall be visible as possible.

Visible horizontally 360° degree and vertically 20 m from end of the vehicle and 1 m from the ground



### 6.27.6. Orientation

Towards to front for motor vehicles, towards to rear for trailers

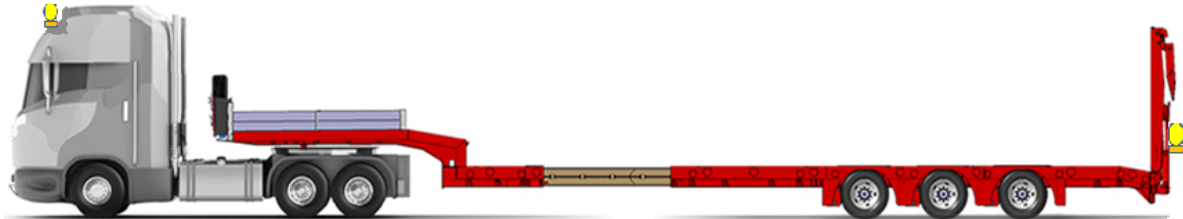
#### 6.27.7. Electrical connections

Special warning lamps shall switch on independently of the other lamps.

#### 6.27.8. Tell-tale

No special requirement.

### JUSTIFICATIONS



Indivisible cargo transport vehicles or combinations need more visibility when driving on the road.

This additional warning lamp must be used on the vehicles for warning to other road users. The other road users can easily see the individual road transport operation and take care before approaching to these vehicles.

## Special Marking Plate

*Insert new paragraph 2.7.33.*

2.7.33. "Special marking plate" means a Retro-reflective plate to indicate the presence of a vehicle by the reflection of light emanating from a light source not connected to the vehicle.

*Paragraph 5.15. amend to read:*

.....

Special Marking Plate : Red/White

*Insert new paragraph 6.28*

6.28. Special Warning Plate (Regulation No. 70)

6.28.1. Presence

Optional on O4 category trailers which are intended for indivisible goods transportation

Prohibited on all other category vehicles.

6.28.2. Number

(a) Two visible on the front (to the left and to the right) ; where the cargo width is exceeding the vehicle width and length

(b) Two visible on the rear (to the left and to the right) where the cargo width is exceeding the vehicle width and length

6.28.3. Arrangement

The bottom edge of the plate shall be horizontal to the ground.

6.28.3.1. Shape

The plates shall be rectangular in shape

6.28.3.2. Pattern

The plates shall have a white retro-reflective background with oblique stripes of red retro-reflective materials or devices.

6.28.3.3. Dimensions

The dimensions of the plates may be different than the dimensions as described Annex 12 of UN ECE R70.01 or alternatively min 420x420 mm or 280x560 mm.

#### 6.28.4. Position

##### 6.28.4.1. Width

Front and rear: 50 mm from the extreme outer edge of the vehicle

##### 6.28.4.2. Length

As close as possible to the front and the rear ends of the vehicle.

##### 6.28.4.2. Height

Above the ground, not less than 250 mm (the lower edge), nor more than 1500 mm (the upper edge). 2,100 mm if the shape of the bodywork makes it impossible to keep less than 1,500 mm respectively.

#### 6.28.5. Geometric visibility

Horizontal angle: 30° inwards and outwards.

Vertical angle: 15° above and below the horizontal. However, where a plate is mounted below 750 mm (measured according to the provisions of paragraph 5.8.1. above), the downward angle of 15° may be reduced to 5

If the bodywork makes it impossible than the plate shall be fix clearly visible, within a reasonable distance, to the other road users

#### 6.28.6. Orientation

Towards to front and, towards to rear for trailers

### JUSTIFICATIONS

Indivisible cargo transport vehicles or combinations need more visibility when driving on the road.

This additional marking plate must be used on the vehicles for warning to other road users. The other road users can easily see the individual road transport operation and take care before approaching to these vehicles.

