

DISCUSSION PAPER ON 'PRESENCE' AND 'COLOUR' IN THE GTR

Transmitted by the Expert from the Netherlands

It is probably well known, by the numerous remarks made by the Netherlands before and during the last meeting, that we do not consider options as the best solution for global harmony. A gtr with options is not a real gtr, according to us. It undermines the philosophy of harmonization, in our view.

However, after the last two meetings in particular, it has become apparent that agreement upon global common windows can not be reached. Or at least can not be reached for the time being. Therefore, one of the possibilities to gain progress could be, unfortunately, by means of introducing "options" in the gtr.

Other solutions, of course, also exist, such as:

- Leave those lamps, on which agreement can not be found, out of the gtr; or
- Stop the discussions on the gtr all together.

Being optimistic, these kinds of solutions would not be our primary choice. So, that leaves us to the solution by means of "options".

Could options be accepted then? The answer is actually "yes" and "no".

Yes, it is acceptable, but only as "an intermediate station".

No, it is not acceptable as "a terminal station".

As "an intermediate station" it is important to distinguish between, let's say, a '**Global option**' and an '**Alternative (Regional) option**'. The options cannot be referred to as fully equal in value, i.e. simply (a) or (b). There has to be, somehow, a clear distinction between the primary option and secondary option. The end goal will be then, during further development, to eliminate each and every one of the secondary options, hence eradicate all regional derogations.

So, in short:

A modular solution for the time being, but ever striving for that one and only global solution.

An example of how this may be introduced in the text of the draft gtr is shown on the following pages of this discussion paper.

Explanation of text marking used in example

Text marked green : Agreement

Text marked yellow : Common window

Text marked red : Disagreement

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4.21. ~~Based on a determination by each Contracting Party,~~ The requirements for presence of the lighting and light signalling devices and the colours of the light emitted or reflected by the lighting and light signalling devices are the following:

DEVICE	PRESENCE		COLOUR	
	Option a GLOBAL	Option b ALTERNATIVE (Regional)	Option a GLOBAL	Option b ALTERNATIVE (Regional)
Driving beam headlamp	Mandatory on motor vehicles. Prohibited on trailers.		White	
Passing beam headlamp	Mandatory on motor vehicles. Prohibited on trailers.		White	
Front fog lamp	Optional on motor vehicles. Prohibited on trailers.		White	or Selective yellow (in CP's applying ECE-R.48...)
Reversing lamp	Mandatory on motor vehicles. Optional on trailers.		White	
Direction indicator lamp and Hazard warning signal	front Mandatory on motor vehicles. Optional on trailers		Amber	
	side Mandatory on motor vehicles Optional on trailers	Optional on all vehicles (in US and Canada)	Amber	
	rear Mandatory on all vehicles.		Amber	or Red (in US and Canada)
Additional side direction indicator	Mandatory on category 2 motor vehicles and trailers exceeding 8,000 kg in gross vehicle mass, except truck-tractors.	Optional (outside Japan)	Amber	
Stop lamp	Mandatory on all vehicles.		Red	

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DEVICE	PRESENCE		COLOUR	
	Option a GLOBAL	Option b ALTERNATIVE (Regional)	Option a GLOBAL	Option b ALTERNATIVE (Regional)
Center stop lamp	Mandatory on all category 1-1 vehicles and on category 2 vehicles with gross vehicle mass of less than 4550 kg and structural width of less than 2030 mm. Optional on other vehicles.		Red	
Rear registration plate illuminating device	Mandatory on all vehicles.		White	
Front position lamp	Mandatory on motor vehicles and on trailers over 1,500 mm in structural width Optional on other trailers.		White	or Amber (in US and Canada)
Rear position lamp	Mandatory on all vehicles.		Red	
Rear fog lamp	Mandatory on all vehicles.		Red	Optional on all vehicles (in US and Canada)
Parking lamp	Optional on category 1 vehicles with structural length less than 6,000 mm and structural width less than 2030 mm. Prohibited on all other vehicles.		(towards the) front: White (towards the) rear: Red or amber	

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DEVICE	PRESENCE		COLOUR	
	Option a GLOBAL	Option b ALTERNATIVE (Regional)	Option a GLOBAL	Option b ALTERNATIVE (Regional)
End-outline marker lamp	Mandatory on vehicles over 2030 mm in structural width, except in the case of rear end-outline marker lamps on incomplete vehicles. Optional on vehicles between 1800 mm and 2030 mm in structural width and in the case of rear end-outline marker lamps on incomplete vehicles. Prohibited on other vehicles.		rear: Red	front: White (elsewhere) Amber (in US and Canada)
Rear retro-reflector non-triangular	Mandatory on motor vehicles. (1)	Mandatory on all vehicles (in US and Canada)	Red	
Rear retro-reflector triangular (per Annex 5)	Mandatory on trailers; (2) If triangular rear retro-reflectors are mandatory, additional non-triangular rear retro-reflectors are allowed, provided that they are grouped together with the other rear light-signalling devices. Prohibited on other vehicles.	Optional on trailers (in US and Canada)	Red	
Front retro-reflector	Mandatory on trailers and on motor vehicles having all forward facing lamps with reflectors concealable. Optional on other motor vehicles.	Optional on all vehicles (in US and Canada)	White (or same as incident light)	

- (1) : To be regarded in conjunction with “Rear retro-reflector triangular”
 (2) : To be regarded in conjunction with “Rear retro-reflector non-triangular”

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DEVICE	PRESENCE		COLOUR	
	Option a GLOBAL	Option b ALTERNATIVE (Regional)	Option a GLOBAL	Option b ALTERNATIVE (Regional)
Side retro-reflector	Mandatory on all vehicles	Mandatory on all vehicles with structural length of more than 6000 mm. Optional on all vehicles with structural length of 6000 mm or less. (outside US and Canada)	front: Amber intermediate: Amber rearmost: Red	or Amber (outside US and Canada)
Side-marker lamp	Mandatory on all vehicles	Mandatory on all vehicles with structural length of more than 6000 mm. Optional on all vehicles with structural length of 6000 mm or less. (outside US and Canada)	front: Amber intermediate: Amber rearmost: Red	or Amber (outside US and Canada)
Daytime running lamp		Optional on motor vehicles (in) Mandatory on motor vehicles (in Canada) Prohibited on motor vehicles (in Japan)	White	or Amber to White (in US and Canada)
		Prohibited on trailers.		
Identification lamps		Optional on (in) Mandatory on vehicles over 2030 mm in structural width, except Optional on truck tractors, (in US and Canada); Prohibited (in)	front: Amber rear: Red	
Cornering lamp		Optional on motor vehicles.	White	

Prohibited on trailers.

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