Informal document **GRE-77-24** (77th GRE, 4-7 April 2017, agenda item 6 (a))

Informal document GRE-77-06	
(77th GRE, 4-7 April 2017, agenda item 6 (a))	
Proposal for a Supplement to the 06 series of amendments of	
Regulation No. 48	
(Submitted by the experts from the Czech Republic and Italy)	
Note: The modifications to the current text of the regulation	The proposal for GRE-77-06 modification are marked
are marked in bold or strikethrough characters.	in italics
5.11.1.3. When light signalling system operates the	5.11.1.3 When the position lamps operate in conjunction
rear position lamps are activated according to 6.2.7.6.2	with the daytime running lamps and, as a minimum
paragraph 6.19.7.4.	requirement, the rear position lamps shall be activated»;
6.1.7.1. Except when they are used to give intermittent	6.1.7.1. Except when they are used to give intermittent
luminous warnings at short intervals the main-beam	luminous warnings at short intervals the main-beam
headlamps may be switched ON, only when the master light	headlamps may be switched ON, only when the master
switch is in headlamps ON position or in "AUTO" (automatic)	light switch is in headlamps ON position or in "AUTO"
position and the conditions for automatic activation of	(automatic) position and the conditions for automatic
dipped-beam exist or dipped-beam are switched ON	activation of dipped-beam exist or dipped-beam are
manually. In the latter case, Consequently the main beam	switched ON manually. In the latter case, Consequently
headlamps shall be switched off automatically when the	the main beam headlamps shall be switched off
conditions for automatic activation of dipped-beam ceased to	automatically when the conditions for automatic
exist	activation of dipped-beam ceased to exist.
6.2.7.5. Dipped-beam headlamps may be switched ON or OFF	6.2.7.5 Dipped-beam headlamps may be switched ON or
automatically. However, it shall be always possible to switch	and OFF automatically. However, it shall be always
these dipped-beam headlamps ON and OFF manually.	possible to switch these dipped-beam headlamps ON and
these dipped seam neddiamps on and orr mandany.	OFF manually.»
	When the dipped-beam headlamps are switched OFF
	manually, the automatic operation shall be activated at
	the same time.
6.2.7.6. If daytime running lamps are present and operate	6.2.7.6 If the automatic operation of dipped-beam
according to paragraph 6.19., either	headlamps is switched ON, the dipped-beam headlamps
	shall be switched ON and OFF automatically, depending
	on lighting conditions of environment (for example,
	switched ON when driving at night, in tunnels, etc.)
	according to the requirements of Annex 13. »
6.2.7.5 6.1. The dipped-beam headlamps shall be	Add to paragraph 6.2.7.5 above: When the dipped-beam
switched ON and OFF automatically relative to the ambient	headlamps are manually switched OFF, the automatic
light conditions (e.g. switch ON during night-time driving	operation shall be switched on at the same time.
conditions, tunnels, etc.) according to the requirements of	
Annex 13. ; or	
However, it shall be always possible to switch these dipped-	
beam headlamps ON and then OFF manually. When the	
dipped-beam headlamps are manually switched OFF the automatic operation shall be reactivated at the same time.	
6.2.7.6.2. Daytime running lamps operate in	6.2.7.7 If the automatic operation of dipped-beam
conjunction with the lamps listed in paragraph 5.11. where, as	headlamps is switched OFF, the following methods of
a minimum requirement, at least the rear position lamps shall	information of the driver shall be provided in case when
be activated; or	headlamps, position lamps and, if available, end-outline
	marker lamps and side marker lamps are switched OFF:
6.2.7.6.3. Distinctive means are provided to inform the	6.2.7.6.3. Distinctive means are provided to inform
driver that the headlamps, position lamps and if so equipped	the driver that the headlamps, position lamps and if so
end outline marker lamps and side marker lamps are not	equipped end outline marker lamps and side marker
illuminated. Such means are:	lamps are not illuminated. Such means are:

6.2.7.6.3.1. Two distinctly different levels of instrument	6.2.7.6.3.1. 6.2.7.7.1 Two distinctly different levels of
panel illumination intensity are provided during night and day,	instrument panel illumination intensity are provided
indicating to the driver that the dipped-beam headlamps shall	
	during night and day, indicating to the driver that the
be switched ON; or	dipped-beam headlamps shall be switched ON; or
6.2.7.6.3.2. Non-illuminated indicators and identification	6.2.7.6.3.2. Non-illuminated indicators and
of hand controls that are required by Regulation No. 121 to be	identification of hand controls that are required by
illuminated when the headlamps are activated; or	Regulation No. 121 to be illuminated when the headlamps
	are activated; or
6.2.7.6.3.3. A tell-tale visual, auditory or both, shall be	6.2.7.6.3.3. 6.2.7.7.2 A tell-tale visual, auditory or both,
activated only in reduced ambient lighting conditions as	shall be activated only in reduced ambient lighting
defined in Annex 13 to inform the driver that the dipped-beam	conditions as defined in Annex 13 to inform the driver
headlamps should be switched ON. Once the tell-tale is	that the dipped-beam headlamps should be switched ON.
activated, it shall only be extinguished when the dipped-beam	Once the tell-tale is activated, it shall only be extinguished
headlamps have been switched on or the device which starts	when the dipped-beam headlamps have been switched
and/or stops the engine (propulsion system) is set in a position	on or the device which starts and/or stops the engine
which makes it impossible for the engine (propulsion system)	(propulsion system) is set in a position which makes it
to operate	impossible for the engine (propulsion system) to operate
6.2.7.7. Without prejudice to In addition to the factors	6.2.7.7. 6.2.7.8 Without prejudice to In addition to the
prescribed in paragraph 6.2.7.5 6.1. , the dipped-beam	factors prescribed in paragraph 6.2.7.6.1., the dipped-
headlamps may switch ON and OFF automatically relative to	beam headlamps may switch ON and OFF automatically
other factors such as time or ambient conditions (e.g. time of	relative to other factors such as time or ambient
the day, vehicle location, rain, fog, etc.).	conditions (e.g. time of the day, vehicle location, rain, fog,
the day, vernere rocation, runi, rog, etc.,	etc.).
6.9.8. Tell-tale	6.9.8. Tell-tale
Circuit-closed tell-tale mandatory. This tell-tale shall be non-	Circuit-closed tell-tale mandatory. This tell-tale shall be
flashing and shall not be required if the instrument panel	non-flashing and shall not be required if the instrument
lighting can only be turned on simultaneously with the front	panel lighting can only be turned on simultaneously with
position lamps.	the front position lamps.
This requirement does not apply when light signalling system	This requirement does not apply when light signalling
operates according to paragraph 6.2.7.6.2.	system operates according to paragraph 6.2.7.6.2.
	5.11.1.3.
6.10.8. Tell-tale	6.10.8. Tell-tale
Circuit-closed tell-tale mandatory. It shall be combined with	Circuit-closed tell-tale mandatory. It shall be combined
that of the front position lamps.	with that of the front position lamps.
This requirement does not apply when light signalling system	This requirement does not apply when light signalling
operates according to paragraph 6.2.7.6.2.	system operates according to paragraph 6.2.7.6.2.
	5.11.1.3
6.19. Day-time running lamp (Regulation No. 87) ¹⁴	6.19. Day-time running lamp (Regulation No. 87) ¹⁴
The Contracting Parties not applying Regulation No. 87	The Contracting Parties not applying Regulation
may prohibit the presence of DRL (as specified in paragraph	No. 87 may prohibit the presence of DRL (as specified in
, , , , , , , , , , , , , , , , , , , ,	
5.22.) on the basis of national regulations.	paragraph 5.22.) on the basis of national regulations.
6.19.7.4. The rear position lamps or all the lamps referred to in	6.19.7.4. The rear position lamps or all the lamps referred
paragraph 5.11. may be switched ON when the daytime	to in paragraph 5.11. may be switched ON when the
running lamps are switched ON , except if daytime running	daytime running lamps are switched ON, except if
lamps are operating according to paragraph 6.2.7.6.2., where	daytime running lamps are operating according to
at least the rear position lamps shall be activated.	paragraph 6.2.7.6.2., where at least the rear position
	lamps shall be activated.