

# Regulation n°116,

**Split for IWVTA: February 2020 status**

- **Summary table**, next slide
  
- **Further open questions:**
  1. Possible improvements in UN R116, R97 and R18
  2. Impact of splitting on application of UN R18, R97, R116.



# New regulations out of UN R116:

**GRSG-118-xx** amending  
GRSG/2020/17  
(superseding GRSG/2019/20)

## *Protection Against Unauthorized Use*

- add “locking system” to clarify definition 2.5.
- add “use” in 5.3. and title of Annex 6 (with change of “immobilizer” to “locking system” in 3.3.),
- add requirement for testing "5.3.3.  
Electromechanical and electronic devices to prevent unauthorized use shall be submitted to the tests described in Annex 56.",
- Annex 5 reserved,
- add Annex 56 "operation parameters and test conditions for locking system" (inspired from initial immobilizer requirements 5.3), correct numbering,
- EMC tests required according Annex 67 §3.9.,
- updated EMC Annex 67 as per GRSG-117-13
- Remove reference to R116 in annex 1 and 2.

**GRSG-118-yy** amending  
GRSG-2020-16  
(superseding GRSG/2019/21)

## *Immobilizer*

- simplified requirement §5.3 referring to Annex 6 for operation parameters and testing,
- Annex 4: change “alarm” to “immobilizer”,
- Annex 5: remove footnote 1,
- new Annex 6 "operation parameters and test conditions for immobilizer" (copy/paste from initial detailed §5.3), correct numbering,
- EMC tests required according Annex 6 §3.9.,
- updated EMC Annex 7 as per GRSG-117-12,
- add reference to UN 97R01 sup. 8 and 116R00 sup.7 to §4.8. and 4.11.

**GRSG-118-zz** amending  
GRSG/2019/22

## *Alarm*

- Correct numbering in §8.6
- updated EMC Annex 7 as per GRSG-117-14  
(cf. EMC update summary GRSG-117-11)
- add reference to UN 97R01 sup. 8, 116R00 sup.7, §5.9. as 8.1.3., and introduction of Part II.

**Separate Excel file shows the last changes**



## **Further open questions,**

1. Possible improvements in UN R116, R97 and R18  
France (UTAC) comment on obsolete weatherability test standard reference
2. Impact of splitting on application of UN R18, R97, R116.  
GRSG-117-29 (OICA) : shows possible amendments to help the recognition of the approvals to the new regulations

**Thank you for your attention**