

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-118-19 amending
GRSG/2020/17
(superseding GRSG/2019/20)

Protection Against Unauthorized Use (Lock)

- 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-118-20 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-118-21 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 all changes



Further open questions,

1. Possible improvements in UN R116, R97 and R18 France (UTAC) comment on obsolete wheatherability 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 leading to informal documents GRSG-118-22, GRSG-118-23, GRSG-118-24.

Thank you for your attention