

Amendment to Document WP.29-143-07
(based on ECE/TRANS/WP.29/2007/100 Add 1)
(Agenda item 4.2.7 – Regulation No. 13)

Paragraph 5.2.1.32., amend to read (including the insertion of a reference to a new footnote 1/ and a new footnote 1/):

"5.2.1.32. Subject to the provisions of paragraph 12.4. to this Regulation, all vehicles of categories M₂, M₃, N₂ and N₃ 1/ **having no more than 3 axles, shall be equipped** with a vehicle stability function. ~~**/~~ This shall include roll-over control and directional control and meet the technical requirements of Annex 21 to this Regulation."

Paragraph 5.2.2.23., amend to read (including the insertion of a reference to a new footnote 2/ and a new footnote 2/):

"5.2.2.23. Subject to the provisions of paragraph 12.4. to this Regulation, all vehicles of categories O₃ and O₄ 2/ **having no more than 3 axles and equipped with air suspension, shall be equipped** with a vehicle stability function. ~~**/~~ This shall include at least roll-over control and meet the technical requirements of Annex 21 to this Regulation."

Paragraph 12.1.7., amend to read (including the footnote */):

"12.1.7. As from the official date of entry into force of the 11 series of amendments, no Contracting Party applying this Regulation shall refuse to grant type-approval under this Regulation as amended by the 11 series of amendments. */"

^{1/} Off-road vehicles, special purpose vehicles (e.g. mobile plant using non standard vehicle chassis – e.g. cranes - , hydro-static driven vehicles in which the hydraulic drive system is also used for braking and auxiliary functions), Class I and Class A buses of categories M₂ and M₃, articulated buses and coaches, N₂ tractors for semi-trailer with a gross vehicle mass (GVM) between 3.5 and 7.5 tonnes, shall be excluded from this requirement.

^{2/} Trailers for exceptional load transport and trailers with areas for standing passengers shall be excluded from this requirement.

^{*} This paragraph shall not prevent Denmark from continuing to mandate a vehicle stability function meeting the requirements of this Regulation.

~~**/~~ **It may be reserved not to mandate this function on the basis of national regulations.**

Paragraphs 12.4. and 12.4.1., amend to read:

"12.4. Mandatory provisions for vehicles equipped with a vehicle stability function

12.4.1. Requirements for the equipment of vehicles with vehicle stability functions as specified in paragraphs 5.2.1.32. and 5.2.2.23. of this Regulation, as amended by the 11 series of amendments, shall be applied as follows:

Vehicle category	Application date (as from the date after entry into force of the 11 series of amendments)	
	<u>Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 11 series of amendments</u>	<u>Contracting Parties applying this Regulation may refuse first national or regional registration of a vehicle which does not meet the requirements of the 11 series of amendments to this Regulation.</u>
M ₂	60 months	84 months
M ₃ (Class III)	12 months	36 months
M ₃ <16 tonnes (pneumatic transmission)	24 months	48 months
M ₃ (Class II and B (hydraulic transmission))	60 months	84 months
M ₃ (Class III) (hydraulic transmission)	60 months	84 months
M ₃ (Class III) (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
M ₃ (Class II) (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
M ₃ (other than above)	24 months	48 months
N ₂ (hydraulic transmission)	60 months	84 months
N ₂ (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
N ₂ (other than above)	48 months	72 months

N ₃ (2 axle tractors for semi-trailers)	12 months	36 months
N ₃ (2 axle tractors for semi-trailers with pneumatic control transmission (ABS))	36 months	60 months
N ₃ (3 axles with electric control transmission (EBS))	36 months 48 months	60 months 72 months
N ₃ (3 axles with pneumatic control transmission (ABS))		
N ₃ (other than above)	24 months	48 months
O ₃ (combined axle load between 3.5 - 7.5 tonnes)	48 months 36 months	72 months 60 months
O ₃ (other than above)		
O ₄	24 months	36 months

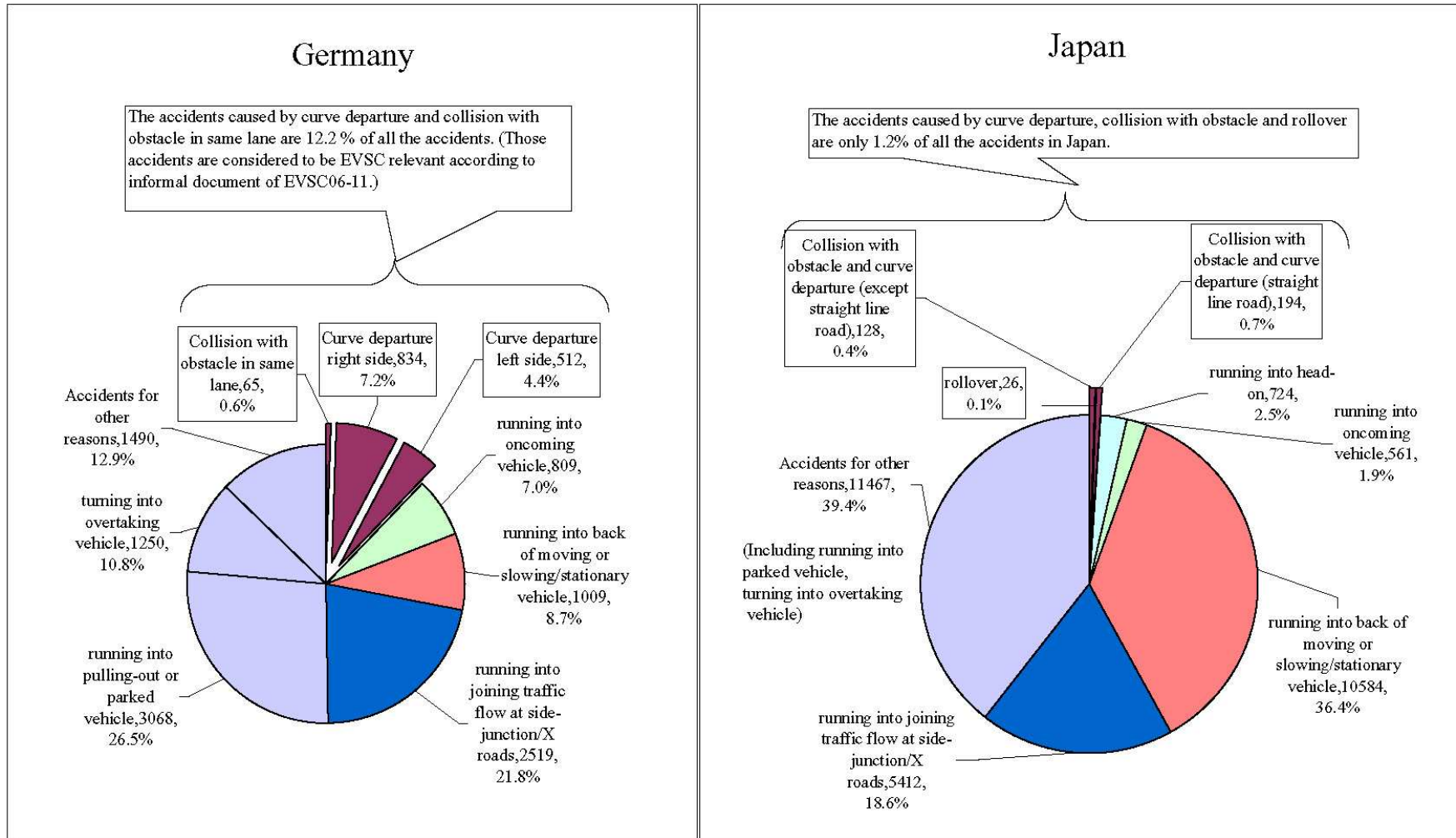
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B. JUSTIFICATION

GRRF recognized “the installation of EVSC should be optional” under UN ECE according to the result of 62nd GRRF. This amendment includes this result.

Analysis result of accidents in Germany and Japan is attached for reference.

The comparison of accident cause between Germany and Japan for vehicles of the classes N2, N3, and M3



Reference

1. Sources: Germany ; EVSC06-11 Accidents in 2004, Japan ; ITARDA (Institute for Traffic Accident Research and Data Analysis) The average of the number of accidents from 2004 to 2006 during 3 years
2. Total analysis number of accidents; Germany 11556, Japan 29096
3. Collisions with pedestrian(s) are excluded.