Submitted by the European Commission

Informal document **WP.29-180-05**
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Agenda item 4.8.7.

Proposal for amendments to ECE/TRANS/WP.29/2020/18

Proposal for Supplement 1 to UN Regulation No. 151 on Blind Spot Information Systems (BSIS)

I. Proposal

Appendix 1, Table 1, amend to read:

Test Case	$v_{bicyclee}$ [km/h]	$v_{Vehicle}$ [km/h]	$d_{lateral}$ [m]	d_a [m]	d_b [m]	d_c [m]	d_d [m]	$d_{bicycle}$ [m]	$l_{corridor}$ [m]	$d_{corridor}$ [m]	For information only (not influencing test parameters)	
											Impact Position [m]	Turn Radius [m]
1	20	10			15.8	15	26.1				6	5
2	20	10	1.25	44.4	22	15	~~32.3~~ **38.4**				0	10
3	20	20			38.3	38.3	-				6	25
4	10	20		22.2	43.5	15	~~43.2~~ **37.2**	65	80	vehicle width + 1 m	0	25
5	10	10	4.25		19.8	19.8	-				0	5
6	20	10		44.4	14.7	15	~~26.1~~ **28**				6	10
7					17.7		~~29.1~~ **34**				3	10

II. Justification

1.   The values in the table as presented in ECE/TRANS/WP.29/2020/18 and laid down in Informal Document GRSG-117-24 are found to be inaccurate and need to be corrected in line with the intention of the experts, as reflected in the original document ECE/TRANS/WP.29/GRSG/2019/25.

2. The modification of the values was justified as written down in the working document ECE/TRANS/WP.29/GRSG/2019/25:

"(b) The concept of the "First Point of Information" can lead to contradictions where in one combination of expected impact position and expected turn radius, an information signal is required, while in another combination of those parameters, it is not allowed. Both parameters cannot be known by the blind spot information system at the first point of information."

"To correct issue (b), the Informal Working Group decided NOT take the "First Point of Information" into accout in cases where test cases with parameter combinations other than those in Table 1 in Appendix 1 have been selected by the technical service. The "First Point of Information" only needs to be checked when performing the tests in Table 1 in Appendix 1, and the requirements in that table with regard to the value 'dd' have been corrected to not lead to any contradictions (e.g. "worst case" for dd has been selected)."