

Template for comments and secretariat observations

Date: 3-21-2011

Document: **WD 15830-1 20110210**

1	2	(3)	4	5	(6)	(7)
MB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
US	Introduction	paragraphs 1 & 2	ed	Is the acronym "PAM" necessary? It is not used outside of the Introduction.	Paragraph 1 – delete the acronym Paragraph 2 – replace acronym with the words "percentile adult male." Delete PAM from Table 3, clause 4.3	
US	2		te	An older version of SAE J211-1 is referenced	Either reference the 2007 version, or leave the reference undated to always reference the latest version	
US	4.3	Table 3	te	Are NTSS (nylon tip set screw) and SSNT (set screw with nylon tip) the same?	Correct the inconsistency, if there is one.	
US	Annex A A.1.1	paragraph 4	te	There are discrepancies in the numbers of channels of sensors, as well as recording. This paragraph says 176 optional sensors & 192 channels of recording. Page 12 says "nearly 200 possible data channels." Page 28 says 180 channels with 2 full arms and instrumented on struck and non-struck sides, or 132 channels with full arms and instrumented on struck side only, or 111 channels with half arms and instrumented on struck side only. Page 42 says up to 160 channels of recording.	Correct the inconsistencies.	
US	Annex A A.1.4	paragraph 2	ed	Change "US OSRP" to "USCAR OSRP"		
US	Annex A A.1.4	paragraph 4	ed	Is "WorldSID prototype (unrevised version)" an adequate description of the dummies that NHTSA evaluated?		
US	Annex A A.2.5.10.3	Figures A.3 through A.8	ed	Using different scales on the different axes distorts the data visually.	If possible, plot these with the same scale increments on the ordinate and abscissa.	
US	Annex A	paragraph 1	ed	In sentence 2, change "show" to "shown."		

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2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

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	A.2.5.10.4					
US	Annex A A.2.5.10.4	Figure A.11	ed	In the figure caption, change “great trochanter” to “greater trochanter”		
US	Annex A A.2.5.12		te	This clause includes the knees with the lower leg. In clause A.2.2, the knees were included in the upper leg.		
US	Annex B B.1		te	The note states that the performance is based on data, drawings and CAD files available up through May 2004.	Confirm whether or not subsequent changes are reflected in this document.	
US	Annex B B.2.5	paragraphs 1 & 2	te	The shoulder rib and the first thoracic rib are both described as “tilted 10 degrees upward.” In the CAD file of the full WorldSID, the shoulder rib and first thoracic rib are not parallel.	Confirm the angles of the shoulder rib and first thoracic rib.	
US	Annex B B.2.8	last sentence	ed	The last sentence is confusing.	Change it to, “The lumbar is approximately aligned with L5/S1, but not with T12/L1.	
US	Annex B B.3.6.2	paragraph 1	te	The abdomen drop test should not have been conducted with the arm removed.	Confirm whether the test was conducted with or without the arm.	
US	Annex B B.3.7.5	paragraph 1	ed	Change “dropping height” to “drop height”		
US	Annex B B.4.1	paragraph 4	ed	In the first sentence, “mass replacements” and “structural replacements” should both be singular.		
US	Annex B B.6	paragraph 2	te	In the last sentence, insert “permanent” before “deformation.”		
US	Annex B B.6	paragraph 3	te	The last sentence states the body regions that were not damaged. Neither the shoulder nor abdomen listed.	Correct as necessary.	
US	Annex D	Figures D.3, D.18, D25,	te	In all of these plots, WorldSID 1 has a much noisier lateral acceleration of T1 than WorldSID 2. Did anyone		

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		and D27		investigate?		
US	Annex D	Figures D.7 and D.10	te	Are the data filtered?		
US	Annex D	Figures D.15, D.16, D.17, D.45, and D.47	te	The plots don't start at zero.		
US	Annex D	Figure D.48	te	Truncate the plot at 200 ms.		
US	Annex E	all tables	te	Since the individual dummies are not identified, it is not possible to determine which results are from repeated tests on the same dummy and which are from tests on different dummies.	Identify the individual dummies in the tables.	
US	Bibliography		ed	Not all authors are listed on some publications	Add the other authors to references 3, 20, 21 and 46.	
US	Bibliography		ed	In reference 44, change "IRVIN" to "IRWIN"		

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