



Road Vehicles — Multimedia data  
exchange format for impact tests

ISO/TS  
13499



# MME TaskForce NetMeeting Agenda with Minutes inserted

Onlinemeeting Sep 19 2023

**Klaas Ebel**, Head of Department Vehicle Safety

# Agenda Aug 16th 23



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No.	Topic	Responsible
6.	proposal of figures for the High Voltage vehicle ISO codes. <a href="https://www.iso-mme.org/forum/viewtopic.php?p=1247#p1247">https://www.iso-mme.org/forum/viewtopic.php?p=1247#p1247</a> Please find the current proposal here: <a href="https://www.iso-mme.org/forum/viewtopic.php?p=1253#p1253">https://www.iso-mme.org/forum/viewtopic.php?p=1253#p1253</a> -> Agreed, see note for next steps Notes from Oct 19 Agreed to move Forward-> Angel Gallego to pass pictures and Codes to K. Ebel and D. Vetter to convert them to be used in RED C	Agnes Creus / Angel Gallego / Gerd Postpone to next time
7.	Velocity as attribute to testobject, potentially V(t).-> new Entry in mme meeting 19.10.2022 <a href="https://www.iso-mme.org/forum/viewtopic.php?t=675">https://www.iso-mme.org/forum/viewtopic.php?t=675</a> Notes Dec 14 Lon Velocity is relevant for Passive Safety; Intended (nominal); Lat. Velocity not; Yaw angle described in RED A 1.6.2; Wait for Active Safety decision Note Feb 22 2023 Wait for decision taken by Active Safety Group Note Apr 19 2023 Make available to AK 3 meeting	S. Rings, all
10.	Code for X-Sensor Jacket <a href="https://www.iihs.org/media/df1fdcc9-8335-4c79-a6e7-c2eca304a8c4/Xow7XA/Ratings/Protocols/current/Moderate%20.0%20Test%20protocol_December%202022_FINAL.pdf">https://www.iihs.org/media/df1fdcc9-8335-4c79-a6e7-c2eca304a8c4/Xow7XA/Ratings/Protocols/current/Moderate%20.0%20Test%20protocol_December%202022_FINAL.pdf</a> Note DEC 14 48 X 32 pressure sensors; Only CSV exported, no discussions about MME channel; We should define global concept and keep monitoring; handle like barrier; Note Feb 22nd 2023 Chad to get someone from X-Sensor or assemble a list of questions together. <a href="https://www.iso-mme.org/forum/viewtopic.php?t=689">https://www.iso-mme.org/forum/viewtopic.php?t=689</a> Note Apr 19th 2023: Support from IIHS, Thank you!; Get clarity on what data is actually needed; People are working on a proposal for pragmatically useable / Codeable data (y and z) Chest Part of Dummy;	Brian Grenke, Chad Ivan, Sushant Jagtap
11.	A-PLI Compensation factor (by 20 October 2022, if you have a comment)	
12.	Additional codes for WS THSP AVX/AVZ? <a href="https://www.iso-mme.org/forum/viewtopic.php?t=665">https://www.iso-mme.org/forum/viewtopic.php?t=665</a>	D. Vetter, C. Ivan
13.	BR THSP 01 coding <a href="https://www.iso-mme.org/forum/viewtopic.php?t=651">https://www.iso-mme.org/forum/viewtopic.php?t=651</a>	D. Vetter, C. Ivan
14.	Publication of new versions of RED A, B, C, ... + Database + Figures Volunteers WANTED!!! What needs to be extended in RED A Comment Aug 16 <sup>th</sup> 2023 I. Dudman volunteered; M. washausen to be asked for current version;	All, I. Dudman; K. Ebel
15.	MME attribute for the impact point of pedestrian protection tests <a href="https://www.iso-mme.org/forum/viewtopic.php?t=694">https://www.iso-mme.org/forum/viewtopic.php?t=694</a> <b>Comments Aug 16th 2023</b> .Aiming Point x : -701 .Aiming Point y : -400 .Aiming Point z : 582 .Impact Accuracy x : +6 .Impact Accuracy y : +0 .Impact Accuracy z : NOVALUE .Point of 1st Contact x : -727 .Point of 1st Contact y : -395 .Point of 1st Contact z : 572  Maybe use the WAD=0 as start and go up from there; left and right are then available.	S. Rings
16.	Airbag Coding <a href="https://www.iso-mme.org/forum/viewtopic.php?t=695">https://www.iso-mme.org/forum/viewtopic.php?t=695</a>	D. Vetter, F. Warnbacher



# Notes



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No.	Topic	Responsible
1.	<p>Would like to introduce THOR 5<sup>th</sup> / 50<sup>th</sup> Thor AV with the intent of developing ISO names and ISO Codes for the different instrumentations. How do we go about it? What is needed from Humanetics?</p> <p>-THOR AV multiple projects need to change things to be more general -&gt;Postponed till next Session</p> <p>Notes Dec 14: <a href="https://www.iso-mme.org/forum/viewtopic.php?t=585">https://www.iso-mme.org/forum/viewtopic.php?t=585</a>; Mike Salloum to provide us with a list of what Humanetics has on offer;</p> <p>Note Feb 22 2023 M. Salloum will provide us with respective instrumentation Lists</p> <p>Note Apr 19<sup>th</sup>: Use M. Sallums List (Thank you for that!) Time was used to refine the picture. <span>Closed</span></p>	<p>Mike Salloum / Dirk Vetter</p>



# Participants / Next Appointmt.

Apr 16th 2023 15:00-16:30 (CET)



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Ebel, Klaas  
Mueller Marco,  
Rings, Sebastian  
Chad Ivan  
Daniel Schult  
Oliver Schnaus (Gast)  
Codr, Radek (EKS)  
Ian Dudman  
Grabowski, Darius, Dr. (EKSE/3)  
Warnbacher Felix, EP-405  
Humm Guido ALD RDTE13  
Metzner, Sebastian (EVK1)  
Dirk Vetter  
Hohage, Bjoern (I/ER-421)

Next Meeting Sep 20th 2023 15:00-16:30



# Closed Items

Feb 22nd 2022     15:00-16:30 (CET)



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No.	Topic	Responsible
2.	ACTB Resultant with Compression Force – EuroNCAP vs. NHTSA Agreement to be found. <a href="https://iso-mme.org/forum/viewtopic.php?t=39&amp;t=647">https://iso-mme.org/forum/viewtopic.php?t=39&amp;t=647</a> Notes Oct 19 Feedback from EuroNCAP -> keep both. Note Dec 14 Also represented in RED E. <b>Closed</b>	Björn Hohage, <b>Klaas</b> , Sebastian
3.	<a href="https://www.iso-mme.org/forum/viewtopic.php?t=684">https://www.iso-mme.org/forum/viewtopic.php?t=684</a> Notes Oct 19 Handling of Channel count > 999; Introduced the topic and encouraged Feedback from users in the Field; Decision to be had in next session Note Dec 14 If the channel number is greater then 999 the number of digits of the channel number "NNN" can be extended to "NNNN". <b>Closed;</b>	D. Vetter
4.	<a href="https://www.iso-mme.org/forum/viewtopic.php?t=669">https://www.iso-mme.org/forum/viewtopic.php?t=669</a> Notes Oct 19 Revisited and Decision Matrix to be uploaded to the Forum Dec 14 <b>Closed;</b> needs to be implemented in the next RED A	Miguel A. Gallego Ruiz, S. Rings
8. (1. 19.10.2 2)	Multi Event channels <a href="https://www.iso-mme.org/forum/viewtopic.php?p=1241&amp;hilit=multi#p1241">https://www.iso-mme.org/forum/viewtopic.php?p=1241&amp;hilit=multi#p1241</a> Topic for October Note DEC 14 In database in physical Dimensions No Unit 1; <b>Closed</b>	D. Vetter / All
9.	Dummy Certification Excel Extensions <a href="https://www.iso-mme.org/forum/viewtopic.php?p=1301#p1301">https://www.iso-mme.org/forum/viewtopic.php?p=1301#p1301</a> <b>Agreed to procede Closed</b>	Dirk Vetter / Sebastian Rings / Darius Grabowski?
5.	I have a request to add a few new main locations. Specifications of the locations he did not find anything for. 1. CRAD = CRADLE <b>picture</b> 3. EXHT = EXHAUST SYSTEM <b>picture</b> 4. STRG = STEERING COMPONENTS (NOT COLUMN/WHEEL) <b>picture</b> Brian will supply pictures to give a better base for discussion of the bits that aren't covered here. <b>Closed, no pictures provided</b>	<b>Brian Grenke</b> <b>Keep in here for next appointment</b>
X.	Next Appointment 22 Feb 2023	

# Notes Oct 19th



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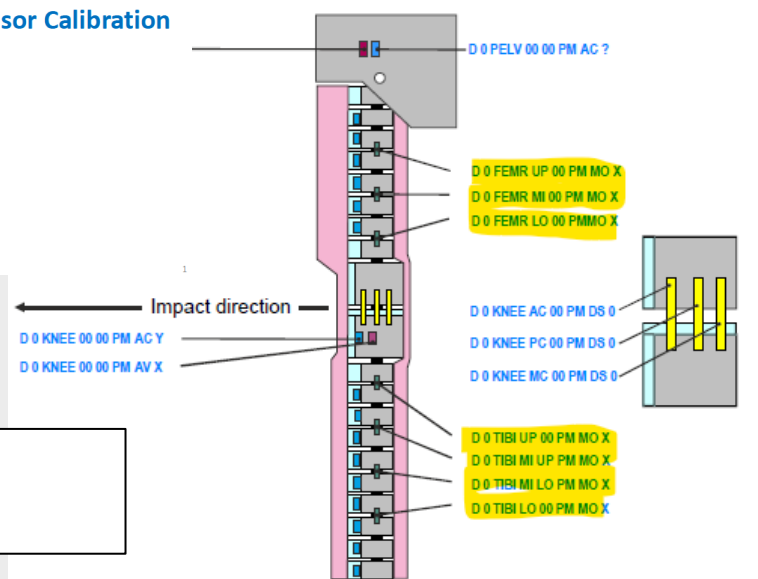


Value	Remark	Data changed	Can be used for assessment
ok	faultless sample data	no	yes
no data	no sample data available	no	no
channel failed	channel completely or partially failed, if caused e.g. by the sensor or sensor cable		no
system failed	channel completely or partially failed, if caused e.g. by the data recorder		no
meaningless data	sample data partially meaningful/ok; parts, which cannot be used are replaced bei NOVALUE	yes	yes
questionable data	sample data partially meaningful/ok	no	yes
scaling factor applied	sample data have been multiplied by a certain factor	yes	yes
linearised data	e.g. if parts of the channel have been interpolated	yes	yes
NOVALUE	no status information available (e.g. in case of raw data)		
<b>Proposal (ISO-MME-Taskforce Meeting 02.06.2022)</b>			
ok	faultless sample data	no	yes
no data	no sample data available or NOVALUES only	no	no
channel failed	channel failed completely or in the important time range, if caused e.g. by the sensor or sensor cable	no	no
system failed	channel failed completely or in the important time range, if caused e.g. by the data recorder	no	no
questionable data	needs to be validated	no	no
partially failed	failure is outside the important time range	no	yes
corrected data	data have been corrected (e.g. by multiplying by a certain factor ("scaling factor applied", also inverting) or by interpolating parts of the channel ("linearised data") so that they can be used for assessment; excluding: renaming, offset correction, shorten a channel	yes	yes
NOVALUE	no status information available (e.g. in case of raw data)	?	no
scaling factor applied	use "corrected data"		
linearised data	use "corrected data"		
meaningless data	use "partially failed"		

Explanation to 4.  
Agreed new format  
incl. transformation

## Compensation Factor for Bone Core Sensor Calibration in 3-Point Bending

10/13/2022  
ISO TC22/SC36/WG5&WG6/aPLI Task Group



Explanation to 11.

Cellbond überlegt aktuell, dem Kunden beide Varianten als Kalibrierergebnis zu übergeben.

Das ist natürlich unschön, wenn es 2 Varianten gibt. Man müsste diese aus meiner Sicht kennzeichnen.

Weg 1 wäre es analog linear/polynominal wie beim HIII-Brustpoti zu machen und Versionen der ISO-Kanalnamen erzeugen

Vorteil: direkt sichtbar

Nachteil: noch mehr Namen. Beim Tibia sind keine ungenutzten Stellen vorhanden, die Änderung wäre umfangreicher (FL 1 & 2 müssten geändert werden).

Weg 2 wäre durch einen Kommentar im Header der Kurve.

Vorteil: einfach umzusetzen

Nachteil: das sieht keiner und angehängte Software würde die Info nicht an den Nutzer weitergeben

Weg 3 wäre es einfach zu ignorieren und beide Varianten auf einen Namen zu schreiben bzw. zu hoffen, dass sich eins durchsetzt.

Was denkt ihr dazu?