

2nd INFORMAL WORKING GROUP MEETING 2015-2016
 - Lithium Batteries and UN Manual of Tests and Criteria -

AGENDA (Final)

Hosted by PRBA, RECHARGE and COSTHA

August 26 – 28, 2015

Meeting Location:

Wiley Rein LLP

1776 K Street, NW

Washington, DC 20006

Phone: 00 1 202.719.7000

PRELIMINARY AGENDA DAY 1: Starting at 9.00 am – Closing at 5.00 pm.

Session	Timing	Topics	Related Issues	Contributors
1.	9.00 – 9.30 am	Introductory Remarks by Chairman Report of the tasks attributed by the UN Sub-Committee .	Review of comments received to the minutes of the 1 st IWGM.	G. Kerchner (PRBA) C. Pfauvadel (France, Chairman)
2	9.30 – 11.00 am Definitions	Consistency of definitions between UN Model Regulations, Manual of Tests and Criteria (MT&C) and IEC battery standards Definitions of equipment containing cells and batteries. (See ref. to UN Sub-Committee discussions) + Devices containing Lithium Batteries as a power source for other devices	Harmonization of cells, batteries, battery pack e.g. cells made of several electrochemical units in the same casing. Update of definitions in accordance with market development	2.1 Thomas Dittrich (Tadiran) 2.2 G. Kerchner (PRBA) and Bob Richard (DGAC) 2.3 C. Chanson (RECHARGE)

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Session	Timing	Topics	Related Issues	Contributors
	11.00 – 11.30 am	COFFEE BREAK		
2	11.30 am – 12.30 pm Definitions	Deletion of “Wire Mesh” from the disassembly definition Defining lithium metal batteries, primary and rechargeable	Definitions in the MT&C. References in UN Model Regulation	2.4 T. Dittrich (Tadiran) 2.5 Open
	12.30 – 1.30 pm	LUNCH		
3	1.30 – 3.00 pm Overview of testing requirements	Summary table of cell and battery testing requirements	Prepare table for practical purposes	3.1 C. Chanson /P. Bermis. (RECHARGE) 3.2 China?? 3.3 T. Dittrich (Tadiran)
	3.00 – 3.30 pm	COFFEE BREAK		
4	3.30 – 5.00 pm Test reports	Development of template for tests reporting in accordance to the MT&C	Consider Chapter 6.1.5.7. as a model	4.1 Ford? (TBC) 4.2 G. Kerchner (PRBA)

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PRELIMINARY AGENDA DAY 2: Starting at 9.00 am – Closing at 5.00 pm.

Session	Timing ⁴	Topics	Related Issues	Contributors
5	9.00 – 10.00 am Hybrid Batteries	Description of hybrid Batteries. Proposal for Classification and Testing	Continuation of the proposal of 1 st IWG.	5. T. Dittrich (Tadiran)
	10.30 – 11.00 am	COFFEE BREAK		
6	11.00 am – 12.30 pm Classification of batteries of ≤ 100 Wh made of cells > 20 Wh.	Recommendation to UNSCTDG regarding classification of batteries of ≤ 100 Wh assembled from cells > 20 Wh.	Proposed changes to SP 188	6. G. Kerchner (PRBA)
	12.30 – 1.30 pm	LUNCH		
7	1.30 – 3.00 pm. Classification of Rechargeable Lithium Metal Batteries (RLMB)	Classification of RLMB; proposed changes to SP 188	Regulating RLMB according to Watt-hour rating of RLMB cell and battery	7. KBIA
	3.00 – 3.30 pm	COFFEE BREAK		
8	3.30 – 5.00 pm “Fail safe” requirements	Accounting for activation of CID or fail safe mechanism		8. Corina Stanescu (Motorola Solutions)

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PRELIMINARY AGENDA DAY 3: Starting at 9.00 am – Closing at 4.00 pm.

Session	Timing	Topics	Related Issues	Contributors
9	9.00 – 10.30 am. Damaged/Defective Lithium Batteries	Proposals to improve SP 376 and PI 908	Proposal from PRBA, DGAC and U.S. DOT, Daimler	9.1 G. Kerchner (PRBA) 9.1 B. Richard (DGAC) 9.2 Steve Hwang, (US DOT) 9.3 S. Spiess & F.A. Polonius (Daimler)
	10.30 – 11.00 am	COFFEE BREAK		
9	11.00 am – 12.00 pm. Damaged/Defective Lithium Batteries	Proposals to improve SP 376	Proposal from PRBA, DGAC and U.S. DOT, Daimler	9.1 G. Kerchner (PRBA) 9.1 B. Richard (DGAC) 9.2 Steve Hwang, (US DOT) 9.3 S. Spiess and F.A. Polonius (Daimler)
	12.30 – 1.30 pm	LUNCH		
10	1.30 – 2.30 pm Testing lithium batteries integral to equipment	Proposed amendments to Scope – Section 38.3.2		10. G. Kerchner (PRBA)
	2.30 – 3.30 pm	Testing battery assembly without BMS		11. S. Hwang (US DOT)
11	3.30 – 4.00 pm Conclusions	Conclusions by the Chairman. Next IWG session: timing & Location		