

ICAO 999 Boulevard Robert-Bourassa, Montréal

Conference Room CR-5

DRAFT AGENDA

Time schedule

(may be subject to adjustments during approval of the agenda and depending on work progress)

Monday 27 March	
10:00-10:30	Welcome
10:30-12:30	Approval of the agenda and discussions
12:30-14:30	Lunch break
14:30-16:00	Discussions
16:00-16:30	Coffee break
16:30-17:30	Discussions
Tuesday 28 March	
09:30-11:00	Discussions
11:00-11:30	Coffee break
11:30-12:30	Discussions
12:30-14:30	Lunch break
14:30-16:00	Discussions
16:00-16:30	Coffee break
16:30-17:30	Discussions
Wednesday 29 March	
09:30-11:00	Discussions
11:00-11:30	Coffee break
11:30-12:30	Discussions
12:30-14:00	Lunch break
14:00-15:00	Discussions

The discussion will address the following points and documents:

WORK TO BE CARRIED OUT BY THE WORKING GROUP

The work that has to be carried on during the next biennium consist in developing a comprehensive risk-based system to classify lithium batteries and cells for transport. This system has to be based in principle on the ability to react and the violence and type of reaction. Differently to the existing testing requirement in the manual it would require some destructive tests to be designed.

In that first meeting, as stated in the annex to the invitation letter, the group should:

- 1) look at all available data that can already be useful to analyze the effects produced by lithium batteries when they react.
- 2) identify the additional data needed.
- 3) prepare plan for getting all the necessary data and the way to use them.

DOCUMENTS

In order to gather the information every organization taking part is invited to describe the data that it may possess and give some advice on the data that might be useful

The base documents to be considered are

- the report of the last session of the sub-committee ST/SG/AC.10/C.3/100 (paragraph attached to the invitation letter)
- the documents that have been presented to the sub-committee under these points:
 - ST/SG/AC.10/C.3/2016/84 from ICAO
 - UN/SCETDG/50/INF.22 from RECHARGE
 - UN/SCETDG/50/INF.31/Add.1 and 2 from France

The documents are attached to this agenda

To facilitate the discussion France will provide a summary presentation of its documents

RECHARGE has announced its intention to provide two presentation

OPEN QUESTIONS TO BE ADDRESSED

In order to facilitate the discussions the chairman has provided the following (non exhaustive) list of questions that might be used as a thought starter:

1) What is the item to be tested for classification?

- a whole battery (independently from the size)
- a cell
- a “module” or battery part
- several of the above mentioned item
- can the reactivity of the bigger battery be assessed by testing some of the elements

2) What risk/type of reactions have to be assessed?

- fire
- gas emission
- toxic fumes
- projections

3) How to initiate the reaction in the test?

- exposure to fire (bonfire test)
- exposure to heat radiation
- exposure to heat through short circuit...

4) Other issues

- testing packed or unpacked items (going toward a classification related to the transport packaging)
- use of the tests to define
- assessing the violence of the reaction only as a classification factor vs assessing the violence of the reaction and the sensitivity