

## LI MAG meeting #10 recommendations

1. The LI MAG acknowledge the completeness and validity of the analysis aimed at assessing the expected LI Level 2 performances undertaken by EUMETSAT.
2. The LI MAG recommends defining a strategy for communicating the LI Level 2 performances to the public (both pre-flight and in-flight). EUMETSAT should focus on the main performance indicators such as Flash Detection Efficiency and False Alarm Rate when communicating to the public. Details such as the Average Detection Probability (Pulse Detection Efficiency), radiance sensitivity, or detection threshold should be disclosed only to lightning detection experts.

## LI MAG meeting #10 Actions

List of Actions			
Action #	Action item description	Status	Actionee
LIMAG 9-1 (OLD)	Gather information describing the timing accuracy of LI	<b>Closed</b>	ESA
	<i>Donny Aminou (ESA) presented a detailed table with the timing accuracy.</i>		
LIMAG 9-2 (OLD)	Define the input dataset for the evaluation of the pre-flight assessment of the LI Level 2 performances.  Presented yesterday. There's some margin of improvement we could include in flash modelling.	<b>Closed</b>	B. Viticchie
	<i>Bartolomeo Viticchie (EUMETSAT) presented the details of the input definition for the pre-flight assessment of the LI Level 2 performances.</i>		
LIMAG 9-3 (OLD)	Coordinate with the LI MAG experts to gather the dataset over one month to support the LI-STAR implementation and testing.	<b>Closed</b>	B. Viticchie
	<i>The experts have delivered almost all the data to EUMETSAT. LMA experts are working on the definition of a consistent format for the Level 2 LMA Science Data.</i>		
LIMAG 9-4 (OLD)	Invite South African experts to the next LI-MAG meeting	Open	B. Viticchie
LIMAG 9-5 (OLD)	Gather information on the VHF detectors for astronomical applications in South Africa that could be used for lightning detection too	Open	E. Defer
LIMAG 9-6	Report on the status of the deployment of lightning detection instrumentation around Paris	Open	E. Defer

(OLD)	<i>Currently discussing the proposal with the meteorology and air quality community. It is going to be a long process, going through different proposal calls.</i>		
LIMAG 9-7 (OLD)	Gather the information on the applicability region/DE map of the networks	Open	B. Viticchie
LIMAG 9-8 (OLD)	Gather information on the use of Laser in the GLM Cal/Val activities	Open	B. Viticchie
LIMAG 10-1	Review of the (draft) report on the analysis to be provided to the LIMAG members during the first week of July	Open	LIMAG
LIMAG 10-2	Complement the analysis with examples of the impact of the Sun stray light on the night FDE	Open	Bartolomeo Viticchie & Sven-Erik Enno
LIMAG 10-3	Find information on the inter-comparison between FECS and ground networks. One should consider both FDE and FDE against flash type, in particular CG.	Open	Bartolomeo Viticchie