

**FÉDÉRATION AÉRONAUTIQUE  
INTERNATIONALE**

BALLOONING COMMISSION CIA  
COMMISSION D'AEROSTATION

**CIA Conference  
Lausanne  
18 – 21 March 2015**



**CIA New Technology Subcommittee**  
**Meeting Minutes 2015**

**Present:**

Claude Weber (chairman), Steve Ireland (member), Garry Lockyer (member), Marc Andre (member), Bengt Stener (member), Luc van Geyte (observer), Markus Haggenev (FAI observer)

The meeting started with a review of a 2014 point of action to continue the sport development and support any general discussion on the direction for the future development of the sport. NTSC has contributed so far through some technology developments that will be mentioned below.

A detailed report on the logger activity was given. The use of the loggers has increased in 2014 and the financial situation is very good. The CIA logger investment comes to a break-even point at the end of 2014. Further details can be found in the attached financial model updated in March 2015.

A general feeling was expressed that the relatively high income generated by the logger rentals should be used for future development of new technology and other projects in NTSC.

WAG 2015 give the opportunity to investigate into live tracking and scoring capabilities with CIA loggers. There is work in progress but no definite solution so far would allow for action or decision at this point. WAG in December is though an absolute goal to get a step further in this domain.

The NTSC members realized that the list of approved loggers has not been published. The 2015 updated version will be published as soon as possible after the plenary.

One new logger has been submitted for approval. The analysis of the Garmin eTrex 30 has been made and an approval document established. (see motion #1)

An accepted motion of 2009 requires that *"All pilots shall be equipped with a FAI/CIA-approved logger in continental and world championship scored by logger"*.  
NTSC suggests to put this into effect for AX events as of April 1<sup>st</sup>, 2015. (see motion #2)

Live marker measuring possibilities have been investigated. A joint study with *HNW Fachhochschule Nordwestschweiz, Hochschule für Architektur, Bau und Geomatik* and *Institut Vermessung und Geoinformation* has been conducted and the report was presented.

To continue the study and further start testing this new technology, the NTSC would like to invest 2500CHF in analyzing, testing and using a DISTO D810 laser distance measuring equipment. (see motion #3)

Comments on the loggers reported from different events have been analyzed and appropriate optimizations will be made in 2015, if practicable.  
A suggestion was made to use a survey tool, similar to the one used by CSC, to ask for more details on other improvements, especially user interface.

Proposed NTSC members for 2015:

- Claude Weber, Luxembourg (chairman)
- Steve Ireland, Australia (member)
- Garry Lockyer, Canada (member)
- Marc Andre, Switzerland (member)
- Lukas Andre, Switzerland (member)
- Bengt Stener, Sweden (member)

March 19<sup>th</sup>, 2015

Claude Weber, CIA New Technology Subcommittee Chairman

**Motion #1:** NTSC moves to add the logger eTrex 30 to the list of FAI/CIA-approved loggers according to the logger approval document 0004.

**Motion #2:** NTSC moves to take the above motion from 2009 in to effect for AX-events from April 1<sup>st</sup>, 2015.

**Motion #3:** NTSC moves that CIA invest 2500 CHF to investigate and test a live marker measuring and reporting capability.