



## FAI-Policy for the Expert Group « NEW TECHNOLOGY »

### **1. Policy**

- To be the reference in terms of electronic devices used in air sports
- To define FAI-standards for these devices
- To assure the use of the most appropriate measurements devices in competitions and performance flights, in particular to increase competition attractiveness and safety
- To find cost efficient solutions to technical challenges common to FAI disciplines such as, for example, tracking or logging.

### **2. Goals**

1. Find a solution for live tracking and public presentation taking into account
  - a. The different needs of disciplines
  - b. Geographical challenges (mountains, seas, flatlands)
  - c. Data transmission costs
  - d. Linking tracking to real time scoring
  - e. Showing tracking to the public (on-site displays, internet, mobile, public interfaces)
  - f. Approaching technologies (like ADS-B)
2. Establish minimum requirements for flight evidence
  - a. Technical security of FR's
  - b. Safe technologies
  - c. Improve data recording (frequency and duration / tracker vs logger)
  - d. Criteria for instrument homologation
3. Improve reliability of measurement methods (altitude, speed, distance)
4. Establish recommendations for technicians / developers to execute the tasks or find the appropriate technicians / developers for specific tasks
5. Give ASCs and CASI report on possible changes needed to the SC.

### **3. Action plan**

#### **A) Until August 2012**

1. *Internal:*
  - a. *Approval of the EG policy and members form the EB*
  - b. *Information to all Experts about the new FAI Expert System and about the specific Expert Group*
  - c. *Information letter to NACs and ASCs about the new FAI Expert System and planned actions*
2. *External:*
  - d. *no external action*

**B) August 2012 = operational readiness**

1. Create connection between the group members via e-mail introductions.
2. Create an on-line working environment for the group.
3. Contact ASCs and introduce the group to them.
4. Start working to achieve the goals.
5. Establish a short management summary to the EB about the main problems and with suggestion to the EB for 2012 and 2013.

**4. First Projects**

1. Live tracking
2. To establish a recommendation for requirements of FAI devices (safety but also marketing interest)

9 August 2012