

Fédération Aéronautique Internationale

Minutes

of the Annual Meeting of the FAI Aerobatics Sports Commission (CIVA)

held in Budapest, Hungary on 23 and 24 October 2015 at the Danubius Health Spa Resorts, Margitsziget

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1. CIVA Presidents Introductory Remarks

CIVA Vice-president John GAILLARD took the stand as chairman of the meeting due to the absence of Mr. LG ARVIDSSON.

A statement was read on behalf of President LG ARVIDSSON by Vladimir MACHULA.

Note: In brackets are the abbreviations used throughout the minutes whenever referring to a specific person – see Appendix 1.

<u>President</u>

LG ARVIDSSON CIVA President

CIVA Bureau Members :

John GAILLARD	Vice President	(JG)
Matthieu ROULET	Vice President	(MR)
Nick BUCKENHAM	Vice President	(NB)
Elena KLIMOVICH	Vice President	(EK)
Hanna RÄIHÄ	Secretary	(HR)
Jürgen LEUKEFELD	Treasurer	(JL)
FAI Head office:		
Markus Haggeney	FAI Sports and Marketing Director	(MH)

2. In Memoriam

A minute of silence was held in memory of friends and colleagues who passed away during 2015:

Wolfgang DALLACH, GER, 1/2015 David JENKINS, UK 22/4/2015 Victor CHMAL, RUS 06/2015 Yuri TARASOV, RUS 07/2015 Hannes GRAF, GER 08/2015 Robert SLOSIAR, SVK 20/8/2015 Michal ČESNEK, SVK 20/8/2015 Vytautas GALVONAS, LTU

3. Meeting Introduction

Roll Call of Delegations

Present: Austria, Canada, Czech Republic, Finland, France, Germany, Hungary, Italy, Japan, Lithuania, Norway, Poland, Romania, Russia, Slovakia, South Africa, Spain, Sweden, Switzerland, Ukraine, United Kingdom

4 proxies were tabled:

Australia	to	South Africa
Ireland	to	United Kingdom
USA	to	Norway
Denmark	to	Finland

Apologies for Absence: Farrell MCGEE, Ireland Volodymyr PRYSYAZHNYUK, Ukraine Michael R. HEUER, United States

Attendance was taken and it was established that there were 21 voting delegates/alternates present and eventually 4 proxies, for a total of 25 votes.

To achieve a simple majority, the vote must be at least 13 To achieve a 2/3 majority the vote must be 17

3.1. Minutes of the 2014 Meeting

The Delegates approved unanimously the Minutes of the 2014 Meeting

3.2. Declaration of conflicts

Alan CASSIDY – Aresti software

4. FAI Report

Markus Haggeney, FAI Sports and Marketing Director presented his report. This report is available in full as a separate item on the Documents pages of CIVA News and official FAI / CIVA websites.

5. Report from the President of CIVA

No report from the President of CIVA

6. CIVA Working Group Reports

6.1. FPS Working Group (Nick Buckenham)

Report from Nick Buckenham (NB) Report agenda item 6.1 Report of the CIVA Working Group 2015 Members: Nick Buckenham - Chairman , Gilles Guillemard, Doug Lovell, Mikhail Mamistov and Vladimir Machula

The CIVA FairPlay System Working Group had maintained a watching brief during 2015 to monitor operational aspects of the system during the year's championships, the work of the previous year having concluded that no changes of any significance were required.

The following aspects of FPS have however received closer attention from the group members this year than has been the case in the past:

- Smoothness of reaction to data confidence changes
- Review of the construction of the judges Ranking Index

The outcome of the above discussion processes will be finalized for presentation to the next CIVA plenary.

No objection, CIVA agreed

6.2. Contest Organizing Working Group (Nick Buckenham)

Report from Nick Buckenham (NB)

Report Agenda item 6.2 Report of the CIVA contest organization working group 2015 Members: Nick Buckenham – Chairman, Madelyne Delcroix, Elena Klimovich and Vladimir Machula

Was set up a while ago to monitor how the competitions run.

Points arising from the 2015 championships

- 1) Radio communication systems
- Few occasions when standard of the radio communications systems provided by the organizers was inadequate.
- Even if the radio equipment is good enough, the local topography / buildings / trees prevented their operation being to an acceptable standard.
- To provide good communications in these situations a 'repeater' mounted at some high point is required to ensure that all four boundary judges are always able to communicate clearly and directly.
- The only solution would appear to be installation and testing before the event of a multi-channel 'repeater' at some elevated point, to ensure that good communications are always possible between all of the people who need to use these systems.
- 2) Wind measurement systems
- The UAV / drone system operated at the Zbraslavice WGAC and the Chateauroux WAC by Vladimir Machula and his assistant was able to provide wind speed and direction data quickly and efficiently for the designated airborne levels.
- Problems with local police despite paperwork done in time before the event.
- Aerial wind data results service worked extremely well, responses to requests for wind speed and direction being generally satisfied within 5-10 minutes.
- Costs much less than traditional helium balloon and theodolite system.

- 3) Video operation
- The provision of a workable standard of video recording and play-back for all flights is a mandatory feature of all CIVA championships, primarily to "tie-break" on every occasion where the Hard Zero is awarded for a figure by some but not all judges.
- To provide an adequate level of quality for this duty it is essential that
 - a) The video operator has sufficient experience to perform the job to a good standard.
 - b) The video equipment is adequate to provide the steadiness and clarity necessary to enable judges to determine an appropriate outcome in their deliberations.
- To provide technical continuity it is important that the service is provided by a single person or at most a small number of experienced operators.
- The video recording equipment should always use a direct-to-memory system with laptop instead of old technology mini-cassettes to provide much faster access to the record of each flight and smarter fast-forward / reverse facilities for review.
- 4) FAI and CIVA medals
- Due the high cost of CIVA medals, an alternative possibility was considered by the president of CIVA and the Czech delegate to lower costs of the medals.
- If a more cost-effective solution could be found and approved by FAI it would provide a repeating benefit to CIVA finances over many years.
- Some further development could well provide the quality of medals we are seeking. If the cost advantage was found to be sufficiently attractive then CIVA could approach FAI again with a view to making a formal decision regarding their adoption. However CIVA currently has more than 1 year's stock of medals, so no action is expected during 2016.

No objection, CIVA agreed

6.3. Strategic Working Group (Nick Buckenham)

Report from Nick Buckenham (NB) Report agenda item 6.3 Report of the CIVA Strateg

Report agenda item 6.3 Report of the CIVA Strategic Planning Group 2015 Members: Nick Buckenham – Chairman, Alan Cassidy, Mike Heuer, Elena Klimovich and Matthieu Roulet

- The SPG offered two proposals for consideration at the 2014 plenary:
 - Form a Working Group to develop the 'Free Known' programme-1 format to replace the existing Known and Free programmes-1 and -2. This has received a positive feedback through all discussions and will be presented formally to plenary in Agenda Item 9.5 - Report of the Free Known working group.
 - Consider the formation of a new "Super Advanced" level between Advanced and Unlimited. This however did not encourage further input and idea has been shelved.

- Flight programmes for CIVA Special Events
 - Possibility for few next years, John is working hard on them.
 - When we get near to them, we need to see what flight programs will be flown.
- Judge training
 - In the past Judge Training has been mostly self-learning or arranged by NAC's.
 - There have been occasional CIVA Judging Seminars at various European locations.
 - CIVA has moved its annual Judge Currency Test online via the Moodle "e-learning" system on the CIVA News website but, for every judge, laboriously reading through section-6 parts 1 and 2 remains virtually the only way to learn the judging process or maintain one's proficiency in "how to judge".
 - The WG proposes that CIVA should establish a Working Group to examine how the commission should proceed in this matter, with the objective of creating and developing a high quality online aerobatic judge training and testing centre to raise not only CIVA's own judging standards but offer this facility to all other national organisations associated with aerobatic flying and judging.

No objection, CIVA agreed

6.4. Part 1 restructuring Working Group (Matthieu Roulet)

Report from Matthieu Roulet (MR)

Report agenda item 6.4 Report of the CIVA Restructuring Working Group Report 2015

- Part 1 Restructuring is not about changing the rules, but to consolidate and streamline the rulebook for easier reference
- The WG remains fully committed to progress and aims at concluding the restructuring in time for the 2016 season
- In order to expedite implementation of the restructuring, and in view of the fact that while streamlining will occur intentions of the rules should not be altered by this exercise, we would like to request approval from Plenary to proceed along the following review lines:
- 1) Mandate given to RSC + CIVA Bureau to approve outcome from the WG, i.e. restructured Part 1.
- 2) In addition, publication of Restructured Part 1 draft on the CIVA-News website with a set time window to collect any remark or request for correction, from anyone in the community.

No objection, CIVA agreed

6.5. Known Assessment Working Group

No report from Coco BESSIÈRE.

Members: Claude Bessière – Chairman, Alan Cassidy, Rob Holland, Nigel Hopkins and Mikhail Mamistov.

Alan Cassidy explained that he would present an analysis the next day for voting, and this was printed out for the plenary members.

7. Report on CIVA Finances 2015 – 2016

7.1. 2015 Financial Results (Jürgen LEUKEFELD)

JL thanked Madeline Delcroix for her help during the year.

JL presented the financial report. Income from sanction fees

- Total income 38.060€
- Closing balance by 30.9.2015 31.156,86€
- Result -1.966,43€

NOTE: The sanction fees from WAC and EAC are still missing from this calculation.

7.2. 2016 CIVA Travel Allowance Programme (Jürgen Leukefeld)

JL talked about the TA. For 2015 CIVA initially aimed to provide at least 60% of known travel costs, but MD confirmed the TA was raised to 70-75% since we had more participants than expected.

For 2016 CIVA will try to increase the amount paid to the judges, not fully, but more than last year.

If the Travel Application is not made, the TA is not paid. MD sent out last year the procedure describing how to claim the TA. That still applies.

These rules are for CIVA selected Contest Officials. They have been approved by CIVA President and the Bureau. They are referred as the "CIVA Travel Agreement" (TA)

- 1. All expenses MUST be agreed before any ticket purchase **No prior signed agreement: no reimbursement!**
- 2. All claims must be submitted to the CIVA treasurer once your travel has been purchased. A claim must include:
 - The official CIVA TA expenses claim form signed and dated
 - Original invoice(s)/receipts
 - Bank information

- 3. The claim must be received by the Treasurer for review no later than at the arrival to the championship concerned. Claims received later will be dealt with when all the claims which were submitted on time are processed.
- 4. Claims should preferably be sent to the treasurer by email, in ONE PDF file with all the requested documents merged. Alternatively your claim can be given BY HAND to the Treasurer at the championship venue in a sealed envelope in this case be sure to write the name of the person claiming and the content on the outside of the envelope.
- 5. Invoice/Receipts:
 - All claims must be supported by the **original** receipts (i.e: with name, trips details and amount).
 - E-tickets must show the traveler's name, destination, dates travelled and amount actually paid. E-copies and digital scans

7.3. 2016 Budget (Jürgen LEUKEFELD)

JL presented the CIVA Budget on the CIVA Financial report, agenda item 7.1.

Income 27.200 € from sanction fees, expenditures 27.200€ for TA and other expenditure such as meetings, expert groups and development programme.

The following discussions followed:

- ME: requested information regarding the medals presented at WGAC/WAGAC which appeared to be replicas, having been told that CIVA had no money to pay for the real thing.
 - VM (WGAC Contest Director): It is not true that CIVA has no money. The WGAC medals were officially sourced as agreed with the CIVA president with the aim of reducing the overall cost of medals to the commission.
- CF: Will there be any income from WAG?
 - JL: No, there are no entry fees.
 - JG: Usually the sanction fees come from entry fees. Nothing is budgeted or expected for CIVA.
 - MH: There is a 250,000 SF sanction fee from UAE to FAI, thus no direct income and no cost for the commission. Expenses are paid by the organization.
 - PK: Who will pay the Judges' TA?
 - JL: Normally CIVA aims to pay between 60-70% since the only income is from the sanction fees. In this case the TA cover will be the same, from CIVA resources.

Report accepted by CIVA

8. Reports on the 2015 Championships

- 8.1. Reports on the 4th FAI Yak-52 Aerobatic World Championship 2014 and the 1st FAI Intermediate Aerobatic World Championship 2014 (Mossel Bay, South Africa)
 - a) President of the International Jury (LG ARVIDSSON)

No Report

b) Contest Director (John GAILLARD)

Vote: In favour: 17 Against: 1 Abstain: 6

Report accepted by CIVA

c) Chief Judge (Pavol KAVKA)

Report accepted by CIVA

8.2. Reports of the 9th FAI European Advanced Aerobatic Championships 2015 (Deva, Romania)

a) President of the International Jury (Philippe KÜCHLER)

PK reported that when a minor error in the marks entry for one pilot was corrected this led to a significant change to the rank of some other pilots, though the rank of the pilot in question did not change at all. At his request the occurrence was investigated in the scoring system by software author NB, who found that the mark revision had changed the number of pilots withheld by FPS from the second cycle of score assessments, this directly causing the rank differences from the original calculations. This two-stage FPS process is present in FPS to minimize any effect low-ranking pilots might have on those scoring above 60%; in this case the initial entry of some incorrect data gave an initial results calculation using the 'wrong' mark; the subsequent change to that mark and recalculation of the results using the new data had moved one pilot above the 60% parameter and directly influenced the ranking of several pilots. This particular feature of FPS would appear to have provided stable results for over 10 years, but as a result of this issue will undoubtedly receive further attention.

MR asked why this was not in the FPS Report, as clarity in such issues is vital. NB said the incident had been discussed with AC and other FPS group members, this and other unrelated improvements to the system being under consideration for review in time for plenary to review next year (*NB ref: bullet point 2 in para 6.1*). EK commented that some pilots do not believe in the system since they do not understand it; sometimes you need to really explain it and they start to understand and stop complaining. MH emphasized that we must be happy with FPS, this is not the world championship of statistics.

Report accepted by CIVA

b) Contest Director (Pavol KAVKA)

No objections, Report accepted by CIVA

c) Chief Judge (Nick BUCKENHAM)

No objections, Report accepted by CIVA

- 8.3. Reports on the 6th FAI World Advanced Glider Aerobatic Championships / 18th FAI World Glider Aerobatic Championships 2015 (Zbraslavice, Czech Republic)
 - a) President of the International Jury (LG ARVIDSSON)

No report

b) Contest Director (Vladimir MACHULA)

VM: Apologized for the delayed submission, and commented that the number of pilots was to the limits, absolute maximum of pilots. PK: What does the absolute maximum? 79 pilots? VM: No, we are close to the absolute maximum. PH: I will bring this matter to the attention of the glider sub-committee.

No objections, Report accepted by CIVA

c) Chief Judge (Philippe KÜCHLER)

No objections, Report accepted by CIVA

8.4. Reports on the 28th FAI World Aerobatic Championships 2015 (Chateauroux, France)

a) President of the International Jury (Nick Buckenham)

NB's report commented on the poor standard of WiFi at the event, now an essential consideration at all CIVA championships due to constant and critical transmissions of contest information.

No objections, **Report accepted by CIVA**

b) contest Director (Guy AUGER)

No objections, **Report accepted by CIVA**

c) Chief Judge (John GAILLARD)

No objections, **Report accepted by CIVA**

At this stage there was an addition to agenda due to unexpected availability of time: Markus Haggeney discussed the revised FAI Organiser Agreement, this being currently at the draft stage. Further information on this item is available on the CIVA News website Documents Store page.

9. CIVA Sub-Committee Reports & Proposed Rules Changes

9.1. Report of the CIVA Rules Sub-Committee (Matthieu ROULET)

Normal Proposals (NPs): These are proposals submitted each year by Delegates in accordance with our normal rules process and deadlines. They are to be considered by Sub-Committees and recommendations made to plenary. NPs are also proposals submitted after Championships that the President has decided should be placed in the normal rules cycle and considered by Sub-Committees

NP #2016-1

Source: CZE #1 Document: Section 6, Part 1 Subject: Spins (editorial)

Proposal:

- Add the last sentence from the para B.9.29.1 to the following paragraph B.9.29.2.: It should be noted that an aircraft has forward momentum as the aircraft decelerates through stall speed.
- Change the words "pronounced" and "enhanced" in the following sentence:

This appearance is more pronounced visible when the figure is performed downwind, and is enhanced less visible when performed into the wind.

No Objections, CIVA AGREED

NP #2015-3

Source: CZE #3 Document: Section 6, Part 1 Subject: Interruption of Programme (5.2.5.1)

Proposal:

Proposal amended by RSC (RSC amendment highlighted):
Include para. a) of 5.2.5.1 in core of text, and remove para. b) and c)

A competitor will be given penalty points, in accordance with the appropriate tariff, if he or she interrupts his or her programme by dipping three (3) times one after another. b) in order to make a change of attitude or direction between two figures

c) in order to lose or regain height

Vote: In favour 12 Against 10 Abstain 1

<mark>CIVA AGREED</mark>

NP #2015-4

Source: CZE #4 Document: Section 6, Part 1 Subject: Missing cross-reference (editorial)

Proposal:

• Correct missing cross-reference in 5.2.6.1: A penalty of 30 points (all categories) will be given for each and every figure flown outside the box or other than prescribed manoeuvres set out in Rule 4.3.1.1.

No Objections, CIVA AGREED

NP #2015-6 Source: CZE #6 Document: Section 6, Part 1 Subject: Spin forced entry (B.9.29.3)

Proposal amended by RSC (*RSC amendment highlighted*):

Remove para B.9.29.3

• Add new text describing flight path affected by wind:

During spin entry and in the spin, the flight path is affected by wind. When the spin is entered with a tailwind, the flight path may suggest that the spin entry was "forced". This change in appearance is not a marking criterion.

CIVA AGREED

NP #2015-7

Source: FRA #1 Document: Section 6, Part 1 Subject: Drawing of lots

Proposal:

Proposal amended by RSC (RSC amendment highlighted):

• For Known and Free Programmes: Maintain full-range drawing of lots.

• For Unknown Programmes: Establish 3 equally-sized groups considering ranking so far, with drawing of lots within each group.

• The International Jury shall decide on the order of flight between groups, depending on remaining time or any other relevant considerations.

Vote: In favour 3 Against 20 Abstain 0

CIVA REJECTED

RSC suggestions:

1. More groups would help (group size typ. 10-15 pilots max) – This would be more appealing to the media. The organizer could more predictably stop the flights for the day at the end of a group. More groups would increase the probability that competitors in the same ranking range fly in comparable conditions.

Vote: In favour 3 Against 20 Abstain 0

CIVA REJECTED

2. Withdrawing possibility of randomizing software drawing (i.e. manual drawing of lots for all programmes) would be a positive evolution in any case.

Vote: In favour 15 Against 5 Abstain 3

NP #2015-9 Source: SAF #1 Document: Section 6, Part 1 (& Part 2) Subject: Procedure for Free Unknowns

Proposal:

• That prior to the flight order and clipboards being issued to the judging line, Team Managers or individual competitors as appropriate, verify the correctness of the final documentation and this be recorded by the Organizer.

• That prior to the commencement of each competition flight, the Chief Judge verifies by radio with the competitor the sequence to be flown. This should be part of the existing radio check, e.g. from Chief Judge – "Competitor 5 radio check and confirm sequence B", Competitor – "Chief Judge read you 5 and confirm sequence B".

No objections, CIVA AGREED

NP #2015-10

Source: SAF #2 Document: Section 6, Part 1 (& Part 2) Subject: Score sheets on the judging line

Proposal amended by RSC (RSC amendment highlighted):

Image: A second state of the second state o

• Task the ICT WG to come up with a solution eliminating all possible risk of losing marks.

• Then implement requirements in the GCO document (Section 6 is not appropriate for this purpose).

RSC Note: This is not a Rule.

No Objections, CIVA AGREED

NP #2015-11

Source: SAF #3 Document: Section 6, Part 1 (& Part 2) Subject: Chief Judge radio procedure

Proposal:

• Remove the words "and no other" in 4.2.1.7 (*Part 1 ref*) and insert a new paragraph (below is text of Part 1):

The standard phraseology in the event that the time limit is exceeded will be the Chief Judge saying "Time, time" and no other. The standard phraseology in the event that a break is required for safety reasons will be the Chief Judge saying "Break, break, break" and no other. If the Chief Judge subsequently requires the pilot to land immediately, he shall say "Land, land, land" and no other.

The Chief Judge or his representative may address the competitor in matters concerned with safety of the competition flight as circumstances may require. A pilot who fails to comply with any of these instructions from the Chief Judge shall be liable to disqualification from that Programme.

No objections, CIVA AGREED

NP #2015-12

Source: UK #1 Document: Section 6, Part 1 (& Part 2) Subject: Alternative scoring forms

Proposal amended by RSC (RSC amendment highlighted):

• Authorize new Left and Right judging forms (*described in UK proposal #1*) for use as alternatives to the traditional A/B/C type, so that either style of form may optionally be used. Add references to accommodate this change in Section-6.

• Decision on which of both types is used is taken by the Chief Judge.

NOTE: GASC rejected this proposal

Vote: In favour 21 Against 1 Abstain 1

<mark>CIVA AGREED</mark>

NP 2015-13

Source: UK #2

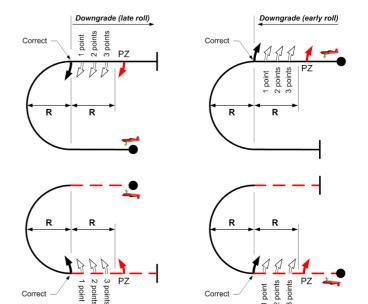
Document: Section 6, Part 1 (& Part 2) Subject: Downgrades to lines between rolls and half-loops (B.9.8.2/.3)

Proposal:

• Revise the applicable downgrade to lines between rolls and half-loops – from the current single instruction "at least two (2) points", to: - Two (2) points for a short but visible line.

Three (3) points for a more obvious line of length up to half the looping radius.Four (4) points for a longer line with length up to the full looping radius.

- Finally, perception zero (PZ) where the length of line exceeds the radius of the looping element.



Vote: In favour 14 Against 9 Abstain 0

CIVA AGREED

NP 2015-14

Source: UK #3 Document: Section 6, Part 1 (& Part 2) Subject: Composition of judging panels (2.1.2.1)

Proposal amended by RSC (RSC amendment highlighted):

• Revise 2.1.2.1. as follows:

2.1.2.1 At World and Continental Championships, judges will be invited to apply for selection, irrespective of their nationality, based on their previous RI performance data as recorded in the CIVA Judges Performance Database (JPD). New judge applications for those without International RI performance data can be made by NACs or individuals, but must be accompanied by current RI data produced by the FPS scoring system at a National Competition (not necessarily in their own country). These applications must be made by the deadline published by the President of CIVA in the year in which the Championships are to be held.

2.1.2.2 Judges are subsequently selected in accordance with procedures established by CIVA. The selection process includes a ranking of judges by the RIs in the JPD from past Championships. Up to ten judges can be selected, except for Yak 52 where the maximum shall be seven judges. A minimum of seven and a maximum of ten judges can be selected for power and glider unlimited and advanced category championships; for Yak 52 and intermediate the maximum shall be seven judges. A maximum of two judges per NAC may be appointed when a full panel is supported by CIVA and the organiser (10 for Unlimited and Advanced; 7 for Yak 52/Intermediate; 10 for Glider Championships). If less than the maximum is supported, then a maximum of one judge per NAC may be appointed. the panel exceeds seven members, otherwise the nations represented shall be all different.

2.1.2.3 The contest organiser shall provide accommodation, food and local transport to them and their assistants, with no entry fees, when a full panel is supported by CIVA and the organiser. If the organisers bid supports less than the maximum then judges and assistants not included in the minimum panel selected by CIVA may individually or through their NAC offer to selffund, in which case organisers – pending approval by the Judging Sub-Committee – shall accept them at a preferential rate determined to cover only the same accommodation, food and transportation costs as those for the judges selected for the minimum panel.

2.1.2.4 Final selection will be ratified by the Bureau of CIVA.

Vote: In favour 18 Against 3 Abstain 2

NP 2015-16

Source: UK #5 Document: Section 6, Part 1 (& Part 2) Subject: Judge's performance evaluation (6.4)

Proposal:

• Revise 6.4 (Judges' Performance Evaluation) as follows:

6.4.1.1 Judges evaluation by flight programme will be conducted by the International Jury using the software programme approved by CIVA (see Section C.8). The Chief Judge will receive in print format a complete analysis of all Judges from the International Jury after each programme is completed.

6.4.1.2 Their own individual judging analysis will be given to each judge, during a discussion with the Chief Judge, between programmes Individual judging analysis for each judge will be posted online following the conclusion of each programme. The Chief Judge should make himself available for discussion with individual judges to facilitate their review of this material.

6.4.1.3 Judging analysis of the whole contest including the Chief Judge's complete analysis of all judges will be made available to NACs after the competition has been completed.

Vote: In favour 22 Against 1 Abstain 1

CIVA AGREED NP #2016-17: Source: USA #1 Document: Section 6, Part 1 (& Part 2) Subject: Figures for Unknowns Proposal: • Add a new section, A.18, to Appendix A. Existing sections A.18 through A.25 to be renumbered appropriately. Note from RSC Chairman: Similar change to Part 2 (chapter 9), without the figures from columns 3 and 4, has been rejected by the GASC. A.18. Family 8.8.1 To 8.8.8 EK commented that to include these figures would greatly increase the possibility that the

first one or two submitted figures could take all the permitted flick rolls.

Vote: In favour 9 Against 14 Abstain 0

CIVA REJECTED

NP #2016-18:

Source: USA #2 Document: Section 6, Part 1 Subject: Publishing Free Unknowns

Proposal:

• Amend 4.3.4.6 as follows:

4.3.4.6. Publication and Selection of Free Unknown Programmes

a) All these proposed sequences received by the deadline must be checked, and corrected if necessary, by the International Jury before the start of the programme.

b) The International Jury shall publish all the sequences proposed by received from the NACs not later than 24 hours before the start of the programme.

c) At least 12 hours before the commencement of each Programme, each competitor will notify the Organiser which of the proposed sequences he/she will fly.

d) At least 1 hour before the start of each Programme, the Organiser shall provide each NAC with a list of the Free Unknowns chosen by each competing pilot.

No objections CIVA AGREED

NP #2016-19:

Source: USA #3 Document: Section 6, Part 1 Subject: Height limitations during safety manoeuvres

Proposal:

• Amend paragraphs in 4.3.1.1 and 5.2.6.1 as follows:

4.3.1.1. (...)

Before the wing-dipping at the start of each competition flight in Programmes 2, 3, 4 and 5 it is recommended that all pilots perform safety manoeuvres as follows. These figures are optional but, if flown, may only be flown once, in any order unless a figure starting inverted is used (see below), and continuously on the same axis. They must be flown inside the performance zone and above the lower height limit appropriate to the category as defined by 4.2.4.1.

5.2.6.1. A penalty of 30 points (all categories) will be given for each and every figure flown outside the box or other than the prescribed manoeuvres set out in Rule 0.4.3.1.1. Penalties in accordance with 4.2.4.3. and 5.2.2. shall be levied for violating the lower height limits appropriate to the category as defined in 4.2.4.1.

Vote: In favour 4 Against 15 Abstain 4

CIVA REJECTED

Note: RSC Chairman's remarks

Some adjustments to the RSC governance are proposed:

- 1. Joint RCS / JSC Meeting open to observers
 - a. not allowed to speak / participate to the debates unless invited to do so by the RSC chairman on a specific topic
- 2. Purely editorial remarks (e.g. typos etc.)
 - a. sent to anytime to the RSC chairman and implemented as relevant in the next issue of Section 5
 - b. Correction proposal (CP) status decided by RSC Chairman & reviewed by RSC
- 3. Harmonization on rules decisions between RSC and GASC
 - a. In order to avoid as much as possible diverging option in parts 1 and 2
 - b. process TBD by RSC, JSC, and GASC chairmen

9.2. Report of the CIVA Judging Sub-Committee (Philippe KÜCHLER)

Philippe commented that he will not stand up for chairman of this anymore

CIVA AGREED

9.3. Report of the CIVA Catalogue Sub-Committee (Alan CASSIDY)

Nothing to report this year

9.4. Report of the CIVA Glider Aerobatics Sub-Committee (Manfred ECHTER)

Manfred Echter presented the report:

NP2016-2

Source: CZE #2 Document: Section 6 Part 2 Subject: Signalling at the beginning of a programme

Proposal amended by the GASC:

A competitor must signal at the start and finish of each programme by distinctly dipping the wing three times immediately one after another by more than 30 degrees. If the first figure in a programme begins in inverted flight first two wing dips may be in upright flight and the last wing dip must be performed in inverted flight. The competitor may change the flight attitude from normal to inverted only by a half roll prior to the last wing dip.

A horizontal flight path is required before the start of the first figure and the last wing dip must be performed in horizontal flight.

The Sub-Committee considers 30 degrees to be adequate for gliders and that the last wing dip has to be in horizontal flight to avoid any ambiguities.

No objections, CIVA AGREED

NP2016-5

Source: CZE #5 Document: Section 6 Part 2 Subject: Removal of para 6.8.1.15

Proposal amended by the GASC:

Remove paragraph 6.8.1.15. from Section 6, Part 2 regarding downgrades when transitioning from loop to line stating that:

"any visible "bump" in the transition from a loop or a part-loop onto a line must be penalized by a one (1) point deduction."

Rationale:

There is a discrepancy between the above mentioned paragraph and paragraph 6.9.11.3 stating that:

"A frequent error in hesitation loops is for the aircraft to overshoot the partial loop and then have to bring the nose back to correct the attitude. This must be downgraded by one (1) point for every five (5) degrees."

Para. 6.9.11.3 specifically refers to hesitation loops, whereas para 6.8.1.15 applies to any transition from loop to line.

The Sub-Committee does not agree to remove para 6.8.1.15. Instead, the last sentence of para 6.8.1.15 should be changed to read:

"This must be downgraded by one (1) point for every five (5) degrees."

No Objections, CIVA AGREED

ME: The length between the loop and the roll – we do not need that rule in GASC, we are happy with what we have. We would rather stay what we have and then have different from Part 1 and part 2. However if you want the same rule that was adopted to power about NP 2015-13 then apply the same rule to glider.

Vote: Should CIVA adopt NP 2015-13 for gliders Vote In favour 16 Against 1 Abstain 6

<mark>CIVA AGREED</mark>

NP2016-8

Source: GER #1 Documents: Aresti Catalogue, Glider Version Subject: Deletion of Super-Slow Rolls

Proposal:

Delete Super-Slow Rolls (Family 9.13) from the Aresti Catalogue.

The Sub-Committee unanimously agreed to the proposal. Should the Catalogue Sub-Committee disagree, the GASC proposes to enter a statement in SC 6 Part 2 saying that Super-Slow Rolls will not be flown in International Glider Aerobatic Contests.

Conversation

ACC: speaks for Catalogue sub-committee: Anyone can use these in their own national contests, should not be a rule put it in the catalogue.

ME: Superslow rolls are not now to be flown in international competitions

PK: It would be fair to remove this from the glider rules, the decision when it is a HZ is really difficult when you get different timing every time someone times it from video since this is not clearly evaluated matter ...

VOTE: To delete this item from part 2 -

No objections, CIVA AGREED

Meeting adjourned Saturday Oct 24 @ 18:30; resumed Sunday October 25 @ 08:00.

<u>DAY 2</u>

9.5. Report of the CIVA Known Free Working Group (NB)

NB explained the differences between Known and Free Known. Selection of the 5 figures: the same rules apply when creating a Free. Competitors get 5 figures they must use unchanged, they then must add 5 figures of their own and you create a whole sequence based on those 2 parts.

No objections, CIVA AGREED

9.6. Report of the Information and Computer technology SC 2015 (VM)

This SC was created a year ago. This is the short review what has happened in the past year. Members: Ringo Massa, Bernard Drummer, Nils Jonsson, Peter Rounce, NB, VM The full report is available as Agenda Item 9.6 on the FAI / CIVA website.

Projects:

- Open aero Ringo Massa
- Wind Measurement by drone
- Contest info

9.7. Safety and Expedited Proposals (SP and EP)

Discussion led by NB regarding pre-sequence practice allowance for Free Known programmes:

Currently there is a limited number of training figures in the book. NB suggested as an option these plus up to the first 5 figs from sequence, noting that the judges will at that time have their copy of the pilots sequence ready for use and will thus be able to monitor what is flown.

Voting: Against 5 In favour 14

CIVA AGREED

Discussion regarding time limit for Free Known programmes, and the possibility to raise the current 10 minute maximum to 15 minutes:

Vote In favour of ten minutes 17, in favour of fifteen minutes 3.

CIVA AGREED to the 10 minute proposal, with Yak52 12 minutes to remain unchanged

VM: Question to GASC, now we have one less program (6 -> 5) why can't we have more unknowns ME: We discussed and majority was against it – very rarely it was possibly to fly the 6^{th} program in contest

PK: Was against but overruled, sees no point in reducing when some day we might end up having contest finished on Mon-Tue and nothing to do for the rest of the week

JG: We approved yesterday the ME report but we will reopen it for a vote in this aspect:

Vote 20 in favour of 6 programmes instead of 5

CIVA AGREED to the above 6 programme format being retained

JG comment: The 5 figure selections for the Free Known will be done in the later part of the day.

Discussion led by PK: In 2013 the decision was taken in Tallinn that in 2016 there should be no more Swift's in Advanced.

ME: When last time CIVA voted about this in 2013 in Tallinn, we had a vote to ban the swift from the Advanced category. The proposal was from Poland. Now there are only 30 Swifts available worldwide, and the proposal was aimed to preserve these gliders for Unlimited competitions only. We had two votes in CIVA which came out in favour of the ban – this would be the 3rd time if we vote about this.

JG: We have a proposal from Tamas that requires 2/3 in favor to put it back on agenda – thus we need 16 votes.

Vote: 21 to put it back on the agenda.Vote: To put the Swift back into the Advanced category - 16 in favour

9.8. URGENT PROPOSALS

Using the drone system for wind measurement

No objections - CIVA AGREED

Video recordings and playback standards

Setting requirements on quality of video equipment and standard of operation:

- Detailed wording in urgent proposals report -
 - The recording must be HD with the auto-focus set to 'off'
 - storage must be into solid state memory
 - the tripod must provide ultra-smooth 3 axis translation
 - battery charging facilities are essential
 - continuity of operation is required, e.g. by using a single operator throughout
- Bureau proposal: create a 'Requirements' document for things to be fulfilled / provided by the LOC and which are not specifically Rules.

No objections, CIVA AGREED

Removal of obligation of anonymity on the judging line

- It is not possible for the International Jury to effectively detect and prohibit reference to a flight order by a judge or assistant
- Judging line paperwork however must still carry no reference to any pilots identity
- Need to amend part 1 6.5.1.6 towards part 2 7.5.1.6

Vote In favour 23

<mark>CIVA AGREED</mark>

Number of sequences allowed to be submitted for Unknowns

The discussion considered whether it should be a maximum of one submission per NAC or any number?

Vote: Do we approve that an NAC should be entitled to submit more than 1 program?

Vote In favour 19

CIVA AGREED

Question: Should we limit the allowed number of programme submissions to 2?

Vote In favour 19

Linking figures in Free Unknowns

It was observed that a straight line (1.1.1.1) is not a figure according to Aresti catalogue.

The discussion considered whether linking figures can be the first or the last figure of a sequence, concluding that there should be no restrictions on where linking figures are placed within a programme.

It was also noted that part 2 was not clear regarding the mandatory nature of linking figures. A suggestion was made to amend part 2 para 4.3.4.8 to mandate the addition of <u>ONE TO TWO</u> figures per sequence.

Vote In favour 21

CIVA AGREED

Electronic boundary judging

The ICT SC was requested to provide guidance in order to facilitate the adoption of generic electronic box-location measurement and recording devices in Power for X-Y-Z axis and boundary limit infringements. Comments were offered on the Certification issues for EASA and other regime power aircraft, and the historic lack of enthusiasm by power pilots to accept and use such equipment. We should encourage the ITC working group to help to make this possible in the future. Some aircraft have clear limitations in this area; the ICT should make particular reference to a/c manuals when considering this subject.

Interpretation of box cross-wind and main axis wind limit regulations

EK: Requested that plenary accept to add a proposal to the meeting. The references in section-6 regarding surface wind (12m/s headwind and 6m/s tailwind) should be compared to the runway axis and not the box main axis.

Vote to add this to agenda	In favour 20
Vote to move the surface wind to refer to the runway instead of official wind:	In favour 21

CIVA AGREED

9.9. President's proposals

None were presented.

10. CIVA Known-free figure selection for 2015

Power Advanced Known Programme

Proposal	1 st Vote	2 nd Vote	3 rd vote	
B	8	-	15	Selected
E	7	9	0	
G	7	11	8	

Power Unlimited Known Programme

Proposal	1 st Vote	
E	15	Selected
F	8	

Yak 52 and Intermediate Known Compulsory Programme			
Proposal:	1 st vote		
B	23	Selected	
С	0		

Advanced Glider Known Programmes

Proposal:	1 st vote	2 nd vote	
A	10	11	Selected
В	5	0	
С	7	10	

Unlimited Glider Known Programmes

Proposal:	1 st vote	
А	0	
B	13	Selected
С	0	

11. Future FAI Aerobatic Championships

11.1. Report of the 12th FAI World Advanced Aerobatic Championships 2016 (Radom-Sadkow, Poland)

Location:		Radom-Sadkow, Poland		
Dates:	Training days:	ТВА		
	Contest days:	414.8.2016		
Entry fees:	Competitors	1650€		
	Other team members	1400€		
Judges:		10 teams + CJ team (1 must be Polish)		
No late payment rise to entry fees until the start of the contest				
Concerns about accommodation arose due to the last competition at this venue				
Adequate transportation for the pilots will also be important				

No objection, CIVA AGREED

11.2. Report of the 19th FAI World Glider Aerobatic Championships and the 7th World Advanced Glider Aerobatic Championships 2016 (Matkopuszta, Hungary)

Location:		Matkopuszta, Hungary
Dates:	Training days:	1719.7.2016
	Contest days:	2030.7.2016
Entry fees:	Competitors:	700€
	Other team members:	300€, family members 50€
Towing:	65€/1250m, 50€/850m (3 p	lanes + 1 reserve on close by airport)
Judges:		7 teams + CJ team
Contest Director:		Tamás ÁBRÁNYI
Competitors are also	invited to the Danubia cup: 2	22 th -26 th June

No objection, CIVA agreed

11.3. 20th FAI European Aerobatic Championships 2016 (bids invited)

Czech delegate Vladimir Machula presented the bid from the Czech Republic

Location:		Moravska Trebova, Czech republic
Dates:	Training days:	1520.8.2016
	Contest days	2028.8.2016
Entry fees:	Competitors	1800€/ room, 2000€ /Single room
	Other team members	1500€ dbl, 1700€ sgl room
Judges:		7 teams + CJ team
Contest director:		Vladimir MACHULA
Late payment + 200	E from 16 th July	

No objection, CIVA agreed

11.4. 2016 5th FAI World Yak52 Aerobatic Championships /2nd FAI Intermediate Aerobatic Championships (bids invited)

No bids

11.5. Other future events (bids invited)

10th FAI European Advanced Aerobatic Championships 2017

BID 1		
Location:		Chotebor, Czech Republic
Dates:	Training days:	26.72.8.2017
Contest days:		3.813.8.2017
Entry fees:	Competitors	1700€ dbl room, 1900€ sgl room
	Other team members	1450 dbl room, 1650€ sgl room
Judges:		10 teams + CJ team
Contest Director:		Vladimir MACHULA

Late payment + 200€ from 5 weeks prior

BID2		
Location:		Deva, Romania
Dates:	Training days:	25.71.8.2017
Contest days:		2.812.8.2017
Entry fees:	Competitors	1650€
	Other team members	1400€
Judges:		7 teams + CJ team
Contest director:		Pavol KAVKA

Votes For Chotebor: 16 For Deva: 7

CIVA AGREED to the bid from the Czech Republic for the Chotebor event.

29th FAI World Aerobatic Championships 2017 (South Africa)

Location: Dates: with EAAC 2017)		Hoedspruit, South Africa tba (second half of August 2017 to avoid overlap
Entry Fees:	Competitors: Others	Highest 1700€ 1200 €
Judges:		10 teams + CJ team

No objection, CIVA agreed

<u>8th FAI World Advanced Glider Aerobatic and 20th FAI World Glider Aerobatic championships</u> 2017 (Torun Poland)

Location:		Torun Poland
Dates:	Training days:	26.72.8.2017
Contest days:		3.813.8.2017
Entry fees:	tba	
Judges:		10 teams + CJ team
Contest director:		tba
Late payment + 200€ from 5 weeks prior		

Post-plenary note: Although CIVA AGREED to this bid, the Aeroclub of Poland has since withdrawn it.

<u>9th FAI World Advanced Glider Aerobatic Championships and 21st FAI World Glider Aerobatic</u> <u>Championships 2018 (Zbraslavice, Czech Republic)</u>

Location:		Zbraslavice, Czech Republic
Dates:	Training days:	26.72.8.2018
Contest days:		3.813.8.2018
Entry fees:	Competitors	750€
	Others	350€
Towing:	68€/1250 m, 53€/850 m	
Judges:		10 teams + CJ team
Contest Director:		Vladimir MACHULA
Late payment + 200€ from 5 weeks prior		

Vote: in favor 13, against 7, abstention 3

CIVA agreed

11.6. The World Games 2017

Markus Haggeney outlined the expected disciplines to take part in the World Games.

There will be a 'trial' event in 2016, prior to the full event in 2017. See <u>http://theworldgames2017.com/</u>

Sports and disciplines

- Airsports are expected to include -
 - Canopy piloting, 36 pilots
 - glider aerobatics, 12 pilots
 - paragliding aerobatics 18 pilots
- Officials will be 32 approved (for all airsport disciplines)
 - 30 technical officials
 - 1 contest manager
 - 1 IT person

There will be a formal Test Event from 28.6.-3.7 2016 with Wroclaw Aeroclub and Wroclaw organizing committee

The World Games 2017 will be from 20.7.-30.7 2017

12. FAI Special Aerobatic Events (FSAE) for 2015

John Gaillard explained about the planned Special Event in South Africa. It will be similar to the Durban Sky Grand Prix that was staged in South Africa a year ago.

28th MAY 1 day event

Sanction fee should be 10,000 \$ income for CIVA

He is also considering a series in China, where the RSA already has 4 planes. This could be World series.

13. List of FAI International Aerobatic Judges

AUS	No change	
AUT	Add:	Martin WÖRNDL
BRA	Add:	Bruno MACEDO
CAN	No Change	
CZE	Add:	Katerina ROLLOVA
	Add:	Lucie PESKOVA
	Add:	Jan ROLINEK
DEN	No change	
FIN	No Change	
FRA	Add:	Thierry FRAISE
GBR	No change	
GER	Delete:	Hannes GRAF
HUN	No change	
IRL	No change	
ITA	No change	
JPN	No change	
LTU	No change	
NOR	No change	
USA	No change	
POL	No change	
ROM	No change	
RSA	No change	
RUS	Add:	Sergei DADYKIN
	Delete:	Vladimir POPOV
	Delete:	Nikolai RADOSTEV
SPA	No change	
SUI	No change	
SVK	No change	
SWE	No change	
UKR	No change	

14. Other Reports and Business

14.1. FAI/Aresti Committee Report (John GAILLARD)

No report as the situation is proceeding without any problems.

14.2. Contest Scoring Programme Report (Nick BUCKENHAM)

NB submitted a Report detailing the scoring systems used in 2015. There were no significant issues.

14.3. CIVA Championship Organiser of the Year Trophy 2015

This new trophy was awarded during the Gala Dinner to Vladimir MACHULA and Martin MEZERA, organisers of the WGAC/WAGAC 2015 at Zbraslavice, Czech Republic.

15. CIVA Elections 2015

Officers of CIVA

Bureau:

<u>President:</u> Nick Buckenham Jurek Makula	Votes: 15 5	until 2017
Vice Presidents:	Votes:	
John Gaillard		until 2016
Matthieu Roulet	13	until 2017
Philippe Küchler	11	until 2017
Castor Fantoba	10	until 2016
Elena Klimovich	9	
Tamas Abranyi	9	
Jurek Makula	8	
Vladimir Machula	3	

It was agreed that the two bureau members who received the most votes would be elected for a period of two years and the third for period of one year.

<u>Treasurer:</u> Jürgen Leukefeld	by acclamation until 2016
<u>Secretaries:</u> Hanna Räihä Zuzanna Danihelova	elected 2014 for2015-2016 by acclamation until 2017

Rules Committee

<u>Chairman:</u> Matthieu Roulet Michael R. Heuer	Votes: 14 8		elected for 1 year period
Members:	1 st vote:	2 nd vote	
Michael R. Heuer	17		elected for 1 year period
Jürgen Leukefeld	16		elected for 1 year period
Nick Buckenham	15		elected for 1 year period
Pierre Varloteaux	13		elected for 1 year period
Ringo Massa	10	14	elected for 1 year period
Anatoly Belov	10	9	
Vladimir Machula	6		

Judging Committee:

<u>Chairman:</u> John Gaillard Brian Howard	1 st vote: 19 4	2 nd vote:	elected for 1 year period
<u>Members:</u> Philippe Küchler Pierre Varloteaux Brian Howard Mikhail Mamistov Nick Buckenham Vladimir Machula Glider Aerobatic Co	17 16 15 14 13 13 mmittee	13 10	elected for 1 year period elected for 1 year period elected for 1 year period elected for 1 year period elected for 1 year period
<u>Chairman:</u> Manfred Echter Jurek Makula	1 st vote: 17 4		elected for 1 year period
Members: Philippe Küchler Pekka Havbrandt Madelyne Delcroix Jurek Makula Jyrki Viitasaari Ferenc Toth Premysl Vavra Georgy Kaminskiy Karl Berger	15 12 12 11 9 6 5 4		elected for 1 year period elected for 1 year period elected for 1 year period elected for 1 year period elected for 1 year period
ICT Committee			
<u>Chairman:</u> Vladimir Machula Philippe Küchler	Votes:		by acclamation declined
<u>Members:</u> Ringo Massa Nick Buckenham Philippe Küchler Bernhard Drummer Peter Rounce	21 18 17 15 14		elected for 1 year period elected for 1 year period elected for 1 year period elected for 1 year period elected for 1 year period

9

Nils Jönsson

Catalogue Committee

<u>Chairman:</u> Manfred Echter Brian Howard	by acclamation declined
<u>Members:</u> Anatoly Belov Pierre Varloteaux Madelyne Delcroix Brian Howard Pekka Havbrandt Jurek Makula	by acclamation for 1 year period by acclamation for 1 year period declined

16. Appointment and Approval of Championships Officials

16.1. 20th FAI European Aerobatic Championships

<u>President of the Inte</u> LG Arvidsson Philippe Küchler	rnational Jury:	by acclamation reserve	
Members of the Inte	rnational Jury:		
Jürgen Leukefeld	9	elected	
Pierre Varloteaux	8	elected	
<u>Reserves:</u> Hanna Räihä	8		
Nick Buckenham	8		
	•		
Anatoly Belov	3		
Chief Judge:	Votes:		
Nick Buckenham	11	elected	
Bernhard Courtois	4		
Guy Auger	4		
16.2. 12 th FAI World Advanced Aerobatic Championships 2016			
President of the International Jury:			
Nick Buckenham		by acclamation	

Nick Buckenham		by acclamat
Members of the Inte	rnational Jury:	
Elena Klimovich	10	elected
Madelyne Delcroix	10	elected
Reserves:		
Jürgen Leukefeld	5	

5

Matti Mecklin

Berhard Courtois	4	
<u>Chief Judge:</u>		
John Gaillard	9	elected
Pavol Kavka	8	
Guy Auger	2	

16.3. 19th FAI World Glider aerobatic Championships and 7th FAI World Advanced Aerobatic Championships

President of the International Jury:				
Manfred Echter	14	elected		
Jurek Makula	4			
Members of the International Jury:				
Madelyne Delcroix	12	elected		
Kari Kemppi	9	elected		
Reserves:	r.			
Jurek Makula	5			
Karl Berger	4			
Chief Judge:				
Philippe Küchler	12	elected		
Bernhard Courtois	6			

17. Date and Place of Future Meetings

Place:Bucharest, RomaniaDate:4.-6.11.2016

At the end of the meeting the new President of CIVA Nick Buckenham proposed that the retiring CIVA President LG Arvidsson be awarded the title CIVA President of Honour. This proposal was approved by acclamation.

These minutes submitted for approval. Hanna Räihä & Zuzanna Danihelová Secretaries of CIVA

Annex 1 - Abbreviations used in this document for attendee names

ABB	Name	Country	Task
AB	Anatoly Belov	RUS	Observer
ACC	Alan Cassidy	UK	Observer
AE	Andy Ernewein	CAN	Alternate
ΑZ	Andrej Zelem	SVK	Alternate
CF	Castor Fantoba	ESP	Delegate
CI	Cristian lorgov	ROM	Alternate
DB	Donaldas Bleifertas	LTU	Alternate
DC	Daniel Czitau	HUN	Observer
ΕK	Elena Klimovich	RUS	Delegate
EM	Eltonas Melekis	LTU	Delegate
FL	Ferencz Lazlo	ROM	Delegate
FT	Ferec Toth	HUN	Observer
HPR	Hanspeter Rohner	SUI	Delegate
HR	Hanna Räihä	FIN	Secretary
ID	Ivar Dyrdal	NOR	Alternate
IS	Igor Schutskiy	UKR	National Representative
JG	John Gaillard	RSA	Delegate
JH	Jürgen Hintermayr	AUT	National Representative
JL	Jürgen Leukefeld	GER	Treasurer
JeM	Jerzy Makula	POL	Delegate
JyM	Jyri Mattila	FIN	Delegate
KB	Karl Berger	AUT	Vice President of Honour
KK	Kari Kemppi	FIN	Alternate
MD	Mady Delcroix	FRA	Tech Specialist
ME	Manfred Echter	GER	Alternate
МН	Markus Haggeney	FAI	Sports and Marketing Director
МK	Miyako Kanao	JPN	Alternate
MR	Matthieu Roulet	FRA	Delegate
NA	Naoko Aoyama	JPN	Observer
NB	Nick Buckenham	UK	Delegate
PF	Pietro Filippini	ITA	Alternate
PH	Pekka Havbrandt	SWE	Alternate
PIK	Philippe Küchler	SUI	Alternate
ΡΚ	Pavol Kavka	SVK	Delegate
PV	Pierre Varloteaux	FRA	Alternate
SS	Stanislaw Szczpanowski	POL	Observer
TA	Tamas Abranyi	HUN	Delegate
TT	Thore Thoresen	NOR	Delegate
VM	Vladimir Machula	CZE	Delegate
VS	Victor Smolin	RUS	Alternate
WK	Wojcech Krupa	POL	Observer
ZD	Zuzana Danihelova	CZE	Observer