

Subject:	JUDGES COMMITTEE REPORT, WITH JUDGE TRAINING COURSE AND JUDGE VIDEO LIBRARIAN REPORTS	Annex No. -	67
Author:	Pia Berggren, Chair, Judges Committee; Karla Cole, IPC Judge Training Course Co-ordinator; Tamara Koyn, IPC Judge Video Librarian	Agenda ref. -	23.1
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Judges Committee Report 2015

Another busy year with competitions and sixteen training courses. We've had a lot of judges active and re-evaluate FAI status this year. We welcome all the new FAI judges and wish everyone good luck with future judging.

In July, part of the Judges Committee met in France. We worked with and discussed; rule changes, national ratings, requirements, new disciplines and logbooks. We talked about communication and documentation like; auto replay, standardized information e-mail, Chief Judge of Training handbook with checklists and review, Asiana, Cooperation with CISM.

We want to change the location on the Web for advertising training courses so they are easier to find. We will look into a new solution. One topic we talked a lot about is how to help a person from a NAC that do not have any organized judges training in their own country.

We talked about official logbooks and we are looking into how we could produce and provide official logbooks for FAI judges.

Official communication through the Judges Committee should include a reply, acknowledgment of receipt, to prevent information from being lost and to make sure information has been received. The communication should go through one channel/person appointed for the specific topic, to make it easier for all parties.

We talked about how to deal with new disciplines, when judges do not have a chance to receive a national rating, but we still need FAI judges in new disciplines.

Another topic was the "Absolute bust". Judges would prefer it to be a majority decision just like any other point/bust.

We also need to come up with a way of cooperate with CISM to receive knowledge on whom of the CISM judges do not full fill the requirements to stay on the FAI judges list.

Again it's been discussed that we should let all judges take a written test at each 1st Cat comp to ensure that everybody is up to date on the rules as well as the practical at the competition. Test – not to stop people from judging just to make sure everybody keeps up with rule changes.

We also touched the delicate question of an upper age limit for FAI judges.

We discussed the definition of a 2nd Category competition. Could it be clearly presented in GS 3352 , 3532? Can we find a way to clarify in Sporting Code?

As it is now 2nd cat competitions and other competitions are all published as 2nd Cat events on the IPC calendar. We suggest to divide it up and have a specific category for other competitions on the Web - 1st, 2nd and any other category competition.

If that is not possible we suggest that only 1st Cat comp, WAG, WG and competitions where the CJ has been appointed by the IPC can be used for re-evaluation and qualification.

Another important topic for us is the scoring systems used at 1st Category competitions.

How come, unsuitable systems are still being used? Who's responsible if a system fails to do what is expected at a competition? What's the consequence?

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We would like to ask the Plenary for an indication of which direction and where they want to go. We present 3 alternatives, what way would you prefer? It has to be clear before the Bids are accepted which system will be used.

- 1 Judges Committee only – We appoint someone to check the system at a “normal” competition and the system will be presented at the IPC meeting.
- 2 JC and Discipline Committee together appoint someone to check the system at a competition and then the system will be presented at the IPC meeting.
- 3 IPC Plenary appoints someone to check the system and then the system will be presented at the IPC meeting.

A detailed report is needed from the person checking the system regarding the system's good function and aspects, also any discovered problem areas should be mentioned in the report.

The list of approved systems for 1st Cat competitions should be published on the IPC Website.

The list needs to be checked, up dated and approved every year at the IPC meeting.

Organisers can only include approved systems in their Bid for 1st Cat competitions and the Bid needs to include a person who is solely responsible for the system.

It was a very productive meeting.

A report from the IPC Judges Course coordinator and one from the IPC Video Librarian is attached to this report.

Thanks and Acknowledgements. I would like to thank all my committee members for their dedication and hard work: Bernard Nicolas, Karla Cole, Susan Dixon, Gillian Rayner, Rina Gallo, Doris Merz-Hunziker, Günter Berendt and Lindy Rochow-Williams.

All of you that put a lot of time and energy into judging issues – Thank you!

Pia Berggren Chair of the IPC Judges Committee, October 31st, 2015

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Judges Committee 2016

Open Meeting Agenda

1. FAI Judges List Nominated Judges. Proposed judges for Competitions 2015.
2. FAI Judges' training courses, new judges and new disciplines.
3. Scoring system
4. CJoT Workshop/Seminar
 - Format of videos for tests and training
 - Standard test and discipline test
5. 2015 training seminars
6. Rule changes

1.1.2 (9)a) b) A judge, from a country affiliated to ASIANIA or COLPAR that does not have its own NAC, will be considered a National ASIANIA or National COLPAR Judge.

6.1.1

(3) Record of Judging Activity

Each FAI Parachuting Judge must keep a record of all their judging activity in a FAI log book. The log book is provided by FAI/IPC at the successful completion of their first FAI Judge Training Course. All entries must be in English and signed by the Chief Judge of the competition recorded. The IPC Judges' Committee shall keep a record of all judging at First Category Events, and any event that meet the criteria for judge requalification "refer to" and the final result of any formal evaluation of each Judge.

6.1.2(6) state qualifications of SP, WS

6.2.2 Newly approved IPC disciplines (in the first year)

An IPC sanctioned FAI Judges Training Course in a newly FAI/IPC approved discipline has the following participation criteria – a candidate must be;

- (1) A National judge in that discipline as defined in 1.1.2 (9) or
- (2) a fully Y1 qualified FAI Judge, in any discipline, and have their NAC's approval to attend the course.

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To be selected as a Judge for a new FAI/IPC approved discipline only Y1 qualified FAI judges, in any discipline, shall be considered and must attend and pass a pre-competition, discipline specific, approved training course.

New numbering 6.2.2 - old 6.2.2 becomes 6.2.3 and so on.

6.4.1 Accuracy Landing

In the two calendar years preceding the calendar year in which the event is being held;

- (1) successfully passed an IPC approved evaluation (as defined in 6.1.2(5)) on the content of the Sporting Code and relevant Competition Rules, and have served as a Judge in the relevant discipline in any capacity (other than Assistant to the CJ) at an FCE, SCE or World Games or
- ~~(2) is already an FAI Judge in that discipline at the time of the competition, and have served as a FAI Controller or a Jury Member at a FCE, SCE or World Games for the specific discipline.~~

4.3.1 Judging Equipment

(1) In accordance with the Organiser Agreement, the Organiser must provide and pay for ~~the~~ **an IPC approved** judging equipment and scoring system(s) necessary to properly evaluate and score all jumps and indoor performances made during the FCE and to properly conduct any course for Judges in Training.

The judging equipment and scoring system(s), both hardware and software, to be used must receive prior approval from the IPC Judges Committee and the relevant IPC Competition Committee.

An Organiser wishing to use equipment not yet approved must submit this equipment for approval at his or the manufacturer's expense prior to the IPC Plenary Meeting at which the bid is accepted. For IS, the equipment will include the camera used to record the performance, the position of which must be approved by the CJ.

(2) The Organiser must also provide sufficient personnel to put in place and remove all equipment and scoring system(s) and the necessary number of secretaries and scorers for the Panel of Judges.

GS 3352 , 3532

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7. Any other business

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Report from the IPC Judge Training Course Coordinator

The year 2015 was a busy year for FAI Judges' training courses. In total 16 courses were organised and run around the world.

Statistics:

Discipline	Courses	Countries
AE and Style	2 courses	CISM Korea, ASIANA China
CF	1 course	ASIANA China
CP	4 courses	Brasil, Canada, Denmark, South Africa
Dynamic and AE	2 courses	Russia, Czech Republic
FS	3 courses	CISM Korea, ASIANA China, Czech Republic
Speed	1 course	Czech Republic
Wingsuit	3 courses	France, UK, USA

Participants	Countries	Pass	%
72 in total	from 20 countries Australia, Belgium, Brasil, Canada, Chile, China, Czech Republic, Denmark, Finland, France, Germany, Israel, Netherlands, Norway, Peru, South Africa, Switzerland, Qatar, UK, USA	59	81,9%

All courses were taught by current FAI Judges.

Additionally re-evaluation courses were completed under the supervision of current FAI Judges.

Our main goal this year was to further develop the high standard of judges training in all countries and to get the communication circle closer together.

A positive note to mention; this year we worked closely with people involved with ASIANA, CISM and also from the Latin American countries. It was very pleasant and helpful and everyone is working hard towards a unified standard teaching.

Last year the IPC implemented Speed as a new discipline and this year Wingsuit and Dynamic were implemented. For all three new disciplines FAI judges training courses were organised and run. For Speed and Wingsuit we now have a good pool of FAI judges for competitions.

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With Dynamic judges we had a lot of problems. The first FAI training course was run in June in Russia with the aim to have judges qualified for the 1st World Indoor Skydiving Championships in Prague this year. At the last IPC meeting it was accepted that only Dynamic Flyers (who can fly all the moves) would be able to join the Judges training course. 7 Flyers passed the FAI training course, but unfortunately after Russia the interest of these new judges to judge in the competition died off quickly, as they wanted to participate, more than judge the competition.

With great help from the organiser in Prague, Susan Dixon and Ron Miasnikov, we were quickly able to organise a second Dynamic Judges training course and just days before the World Championships, we finally had a judge's panel for the competition.

At the next IPC meeting it needs to be decided how we go forward with Dynamic judges. Also needing to be discussed in January is the question of a different judges rating for Outdoor and Indoor events.

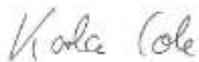
This year when talking and working with a lot of Chief of Judges Training and to different NACs, they have expressed a great interest in unified training standards around the world.

So I decided to organise a workshop for Chief of Judges Training. This will happen in January 2016 in Frankfurt, on the weekend just before the IPC meeting. We can work and stay in the Sports Academy, which is just 5 minutes away from the Lindner Hotel (IPC meeting).

17 Chief of Judges Training have already registered for this workshop from many countries and also ASIANA and CISM will be represented.

Many thanks go to all the organisers who have supported and helped run the FAI Judges training courses. Thank you to every member of the Judges Committee, who has worked together with me on new important documents and standards.

My biggest "Thank you" goes to all the Chief of Judges Training for their commitment and time, for their willingness to work on new training standards, their constructive criticism and particularly their passion for teaching and supporting new judges on their way to become experienced judges.



Karla Cole

IPC Judge Training Course Coordinator
November 2015

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IPC Judge Video Librarian Report - 2015

by Tamara Koyn, acting IPC Judge Video Librarian
October 2015

IPC Judge Video Librarian functions are described in 2014 IPC Plenary Meeting Annex 54.

2015 FAI Sporting Code - Section 5

4.9.3. Recording Media

- (1) The Scoring System operator at an FCE (other than for CP) must give, a copy of the recording media of the competition in an MKV format, together with the summary score sheets and other pertinent documentation, to the FAI Controller. The FAI Controller will deliver the copy of the recording media and the documentation to the Chair of the IPC Judges' Committee and/or the IPC Judge Video Librarian, who must ensure that each delegation can purchase copies of the same within 45 days.
- (2) The recording media is the digital recording media used for original recordings or, when relevant, is the digital media onto which a designated person directly records the digital images from the original recordings. The recording media shall be recorded using professional quality recording and playback equipment.

2015 Status:

1) IPC USB 3.0 "shuttle" hard drives

Chair of IPC Judges' Committee (Pia) and IPC Judge Video Librarian (Tamara) currently have three (3) IPC USB 3.0 "shuttle" hard drives for performing archiving functions, 1TB Seagate (black) drive, 1TB Adata (white) drive and 500 GB Seagate (black) drive. The 1TB Seagate (black) drive is newly acquired in 2015. The 1TB WD (red) drive mentioned in the 2014 report became missing at the 5th DIPC (Dec 2014).

2) 2015 FAI World Cup and European Championships FS & AE Scoring System: CamScore (Status: Complete and delivered to Pia Berggren.)

A huge thank you to the following persons: Karla Cole, Fay Kimble and Susan Dixon provided assistance. Jami Pillasch archived the AE

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free routine description sheets and transported/shipped the materials to the IPC Judge Video Librarian.

The score sheets for the individual jumps at the 2015 WC & EC in Teuge were provided in .xml format. In response to e-mail, the CamScore operator promptly supplied .xml files that were missing from the IPC archive shuttle drive. A volunteer computer programmer wrote software (8 hours to write, service valued at \$800 USD) to convert these to a usable form.

http://www.koyn.com/CloudDancer/2015/15WC_AEFSVideo.html

All speed Skydiving graphs and videos for round 7 (918, 925) and round 8 (916, 925) are silently included.

3) Only the jump videos from the 2015 EC of style were received. Some videos were unreadable on faulty hard drive sectors of a 1TB WD (shiny black) drive that was supplied from the style competition. No scores or log sheets were received, thus the material can not be organized in any meaningful manner.

4) 2014 WPC of Style, which was supplied on VHS cassettes and paper form, is now converted to m2v and mkv video files and PDFs.

5) Competitions currently on file:

2008 WPC (AE & FS) - iScore - 170 GB
 2009 WC & EC (AE & FS) - CamScore - 9 GB
 2011 WC & EC (AE & FS) - 20 GB
 2012 WC & EC (AE & FS) - Omniskore!HD - 50 GB
 2012 WPC (AE, CF, FS & Style) - InTime - 158 GB
 2013 WC & EC (AE & FS) - Omniskore!HD - 113 GB
 2013 WC & EC (Style) - incomplete - 11 GB
 2013 WC & EC CP - no organisation - 19 GB
 2013 DIPC4 (AE, CF & FS) - OmniSkore!HD - 99 GB
 2014 WPC (AE & FS) - OmniSkore!HD - 172 GB
 2014 WPC (CF) - OmniSkore!HD - 87 GB
 2014 WPC (Style) - 7.5 GB
 2014 WCIS (FS & AE) - InTime - 5.6
 2014 DIPC5 (AE, CF & FS) - OmniSkore!HD - 24 GB
 2014 DIPC5 (CP) - no organisation - 15 GB
 2015 EC Style, incomplete & unlabeled videos only - 2.1 GB
 2015 WC & EC (FS & AE) - CamScore - 46 GB

66th FAI / IPC PLENARY MEETING, FRANKFURT, GERMANY, 23 – 24 JANUARY 2016

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Note: 2013 DIPC4 and 2014 DIPC5 are available ONLY for FAI judge training and evaluations.

Anyone conducting a course or evaluation should e-mail either the IPC Judge Video Librarian (Tamara@Koyn.com or tkoyn2@swbell.net) and/or acting Chair of IPC Judges' Committee (piaberggren@telia.com) to request videos and documents.

It's important for course instructors to request materials more than 4 weeks before their course so materials may be shipped on time. Original digital video file sizes are too large for transmission over the internet. And they should indicate what scoring system will be used for the course. Not all scoring systems can use digital video files from a different scoring system. Note: At the 2015 USPA National Skydiving Championships in October 2015, Omniskore!HD was observed to process files from CamScore! With a transcoding system developed in the last 10 months, Omniskore!HD has become more versatile.

2014 IPC Judge Video Librarian Expenses as reported in 2014 were not claimed in 2014 and shown below:

\$16.75 - June 10, 2014 - shipped video/data update to Pia Berggren on 500 GB Seagate

\$16.75 - October 21, 2014 - shipped 14WPC (CF, FS & AE) DVDs to FAI (Faustine Carrera)

2015 IPC Judge Video Librarian Expenses:

\$12.75 USD - Feb 7, 2015 - shipped 14 WCIS DVD to FAI office (Faustine Carrera)

\$18.60 USD - March 14, 2015 - return Percy's personal hard drive

\$14.90 USD - March 14, 2015 - shipped video/data update to Pia Berggren on 1TB Adata (white) drive

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Discussion Points for 2016:

1) Scoring System Responsibilities

Recording media and pertinent documentation includes but is not necessarily limited to: original digital videos of the jumps, individual score sheets for each jump with each judge's scores, a scoring summary sheet for each round (FS and CF), free routine description sheets (AE & WS Acrobatic), draws (including the version used in the judges' room), team lists with the individual members of each team and the final results.

It is important to establish standards for any scoring system to be approved for FCEs. Specific to videos and documents, here are a few suggested requirements:

First, the scoring system should be digital...there should be digital video files in a common format, NOT VHS video tapes! Paper documentation (scores, results, log sheets, etc) should be in PDF form (or another common form easily read without purchase special tools or effort).

There should be a means for direct communication and direct exchange of files between the scoring system's staff, the IPC judge video librarian and/or Chair of the IPC Judge Committee. This is to remove the need to involve other parties to collect the material, which (in 2014) resulted in the loss of the 1TB WD red hard drive.

It should be possible to directly contact the scoring system staff for any missing files/documents, provided such request is made in a reasonable time frame, such as, within 90 days of the close of the competition.

The scoring system should adhere to relevant rules including the following.

Video equipment must deliver a High Definition 1080 type digital signal with a minimum frame rate of 25 frames per second as required by FS & VFS CR 4.5.2, AE CR 4.4.3, Indoor SFR CR 4.2.1, Indoor Dynamic CR 4.2.8 and CF CR 4.9.3.

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All individual judge's evaluations/scores will be published as required by FS & VFS CR 5.5, Indoor FS & VFS CR 5.4, AE CR 6.4.3, Indoor SFR CR 6.4.3 and CF CR 6.7.

Indoor Dynamic CR 6.3.8, "The final time for each Speed Routine will be published, including the raw speed routine completion time, time penalties, infringement types and any omissions."

2) Suggested modifications for CRs

Indoor FS & VFS CR 4.5.5 currently states, "The recording (camera), playback, and all auxiliary equipment must be full High Definition input and full High Definition output and must provide viewing for the judges." It should specify a minimum resolution and frame rate.

Because no minimum frame rate was required, 14 frames per second was used at the 2014 World Cup of Indoor Skydiving. For fast teams at 14 fps, it's possible that a grip can be taken and released between frames! Since the implementation of slow motion views in FS, a minimum frame rate higher than 25 might be recommended in the future.

Acrobatic WS 4.4.1, "The air-to-air video equipment must be able to deliver a High Definition (HD 1080i / 1080p)" A minimum frame rate should be added.

The rules for style should introduce the requirement that all scores for each judge will be published...this is good for judge practice, training and evaluation as well as for competitors to understand how they were scored. And a minimum digital video standard should be set. A minimum of 25 fps. The resolution can be discussed. A resolution as low as 240p has been used to judge style!

Since VHS video cassettes ran at 25 fps (PAL) or 29.97 fps (NTSC), the minimum frame rate should NOT be slower than 25 fps.

3) Speed Skydiving

In addition to the individual graphs, what additional files would the IPC like to archive for a speed skydiving competition? What do experts in this event recommend? What should be on file for speed skydiving judge training courses?

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4) Wingsuit Performance Flying

The first FAI World Cup was held in this event and published here:

http://ppc.paralog.net/showevent_compact.php?event=1%3Csup%3Est%3C%2Fsup%3E+FAI+World+Cup+of+Wingsuit+Performance+Flying

Does the IPC desire a means of archiving this data in an "offline" mode?

5) Archiving of Performance Records

IPC Judge Video Librarian and Chair of IPC Judges' Committee should perhaps in the future receive media (video(s), photo(s) and pertinent documents) in order to archive IPC Performance Records described in FAI Sporting Code - Section 5. Currently, we have no such content in the archive.

Competition videos and pertinent documents are essential for developing judge skills as well as for competitors and future competitors to develop their skills. And we want to preserve history.

I thank you for your time to read my report.

Tamara Koyn
IPC Judge Video Librarian