

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

JUDGES COMMITTEE REPORT 2016

The year 2016 has been very busy in the competitions and the activity of the Judges Committee..

As last year the Judges Committee wishes to welcome all the new judges, recently qualified or having completed a successful re evaluation. It was possible thanks to the great activity of the people of the committee in charge of these tasks. A great thank you to them and the chiefs of training courses.

To continue this task the committee wishes the total support of NACs, so that the procedure are respected, in particular in the organization of ~~the~~ training courses and updates of the qualification of FAI judges. The committee, among one of its missions, is to develop these training courses in particular in new disciplines of our sport. However it would be desirable that we are informed about the NACs' requests as early as possible to enable us to answer it favourably and quickly. It is sometimes difficult to find a Chief of Training, depending on his timetable.

On the occasion of the Mondial in Chicago all but one of the Committee members were present. A meeting was organised where we discussed the following topics:

- The approval procedure of judging and scoring systems used during a FCE.
- A new definition of the video controller.
- The designation of Chief judge and the selection of judges.
- The procedure for approval of records.
- The assistant chief judge.

These different and important subjects gave rise to a rich discussion continued at the end of the Mondial by various modern means of communication.

The Committee, following the big problems faced during Mondial with the judgment in Style and Accuracy landing systems. has established an approval document for judgment systems used for all disciplines of our sport for an FCE.

For the information of this Plenary, as a result of inaccuracies relating to the system of judging for Accuracy, unspecified in the presentation of the bid made by the organiser of the Mondial. This led to a poor relationships with the provider, who threatened to initiate proceeding against FAI/IPC if its judging system was not recognized and approved. A

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

personal response of the FAI and formal refusal of the provider to present his material to the Chair of Style and Accuracy Committee, it was decided an approval would be sought during the US Nationals and subsequent problems led the committee to initiate this document.

This important document requires the approval of the plenary. Not to overload Section 5, we recommend not adding it to Section 5 but rather as an Annex, or alternatively kept as a reference document of the Committee and at the disposal of the organizers of FCE and System providers. This document will be presented in the agenda of the plenary.

During the Mondial we got many requests from competitors about the quality of the videos to be judged. It was found there was a difference in quality between the video given to the dubbing station and the video to judge.

The committee proposes a new definition of the video controller for all concerned disciplines. SC Section 5: 4.5.6. (See annex to plenary agenda)

In the future, the Committee will be very vigilant for the designation of Chief Judges but also in the selection of judges under the authority of the Chief Judge.

During these FCE many records were beaten. The Committee recommend the lightening the certification process, please.

Finally the question of the qualification of assistant chief judge was raised. After discussion the Committee recommended not to change the existing rules.

A report from the IPC Judges Course coordinator and one from the IPC Video Librarian is attached to this report. I also thank warmly, the President of CISM, Gernot Rittenschober for his effective collaboration. At his initiative he did, according to the regulations, organise the printing of new log books, free of charge. These log books are available to NAC's applicants and are currently stored with Karla Cole.

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

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

Bernard NICOLAS Chair of the IPC Judges Committee November 27th 2016

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

Judges Committee 2017

Open Meeting Agenda

1. FAI Judges List Nominated Judges.

Proposed Judges for Competitions 2017.

2. FAI Judges' training courses, new judges and new disciplines.

3. Approval of Judging and scoring system:

[2017-Agenda item 4 re.SC Section 5 - 4.3.1 judging equipment..](#)

Current rules :

4.3.1 Judging Equipment

(1) In accordance with the Organiser Agreement, the Organiser must provide and pay for the 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.

(3) Any Automatic Measuring Device, which is used for judging must be acceptable to the CJ and needs the approval of the Jury. The Automatic Measuring Device and/or the Media

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

Recording System must be connected to a constant power source so that there can be no voltage or current fluctuations, which would cause an erroneous reading or recording. The

Media Recording System must have a dual station digital dubbing capability and must be approved by the CJ.

(4) The recording, playback and all auxiliary equipment must be full High Definition input and full High Definition output other than for Freefall Style and CP and must provide viewing for the judges.

(5) The Media Recording System must be able to provide copies of all jumps in compliance with 4.9.3.

(6) For official training and/or competition jumps for FS, CF, AE, WS(A) each aircraft or all team videographers must be equipped with the means to write down information that is recorded as directed by the relevant Competition Rules.

Proposed rule:

4.3.1 Judging Equipment

(1) In accordance with the Organizer Agreement, the Organiser must use judging Equipment and scoring system(s), both Hardware and Software, which is accepted by the Judges Committee, is known to the nominated Chief Judge(s) and to the Chair(s) of Competition Committee(s) to be fully functional for the specific task of the event.

(2) The Equipment must be up to the specific needs of the discipline for which it is designed and is used to score all parachuting, skydiving and Indoor performances made in accordance with the current rules for the FCE and for any course for Judges in Training

(3) In Paraski-competitions and competitions in AL combined with ST, scoring Equipment must be used, the technical standard of which has a proven history of being able to master the result-combination-needs in these Events and the preparation of the standings and the jump orders

(4) A potential bidder for a FCE shall confer with the Judges Committee or the Chair of the Committee for the specific discipline in an event, which will prepare an annually updated list of accepted judging and scoring systems, which meet the requirements for judging and scoring according to the current rules.

(5) An Organizer or Provider of a system wishing to use scoring systems, which are not yet on the list of accepted Equipment and systems for judging and scoring must have this Equipment submitted for evaluation at a suitable competition (i.e. Nationals, major regional

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

competitions or as a shadow system at an event with accepted scoring and judging systems) under the control of judging experts, being agreed to by the Judges Committee at the expense of either Organizer, Provider of Manufacturer prior to the IPC Plenary Meeting at which the bid is accepted."

(6) Once the CR's are published each Committee Chair must contact accepted Scoring/Judging System Providers and send to them the approved rules, to make sure that their systems will be updated to include any changes to the CR's which affect their systems.

(7) The system Providers must confirm in writing, to the Committee Chair and to the Chair of the Judging Committee, that the update has been considered, to ascertain that any system, which is accepted can be considered ready for use and is updated for a FCE.

2017 - Agenda item 5 Harmonization of the video controller definition

FS VFS: CR 4.5.6

CF: CR 4.9.7

AE: CR 4.4.2

WS (A): CR 7.4.4

Proposed rule:

A Video Controller will be appointed by the Organiser and approved by the Chief Judge as appropriately trained and familiar with the selected scoring system's dubbing process, prior to the start of the Judges' Conference. Before the start of competition, each team must dub a sample video from the team's freefall video equipment into the scoring system for inspection of the resulting video by the Chief Judge, to ensure compatibility and quality settings. The Video Controller may inspect a team's freefall video equipment to verify that it meets the performance requirements as determined by him/her. Inspections may be made at any time during the competition which does not interfere with a team's performance, as determined by the Event Judge. If any freefall video equipment does not meet the performance requirements as determined by the Video Controller, this equipment will be deemed to be unusable for the completion.

Indoor disciplines are not affected by this change.

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

2017 - Agenda item 6 SC Section 5 re 6.7.1(1) Judge Panel selection

Current rule:

Judge Panel selection

The CJ, within 14 days of having received official approval of appointment, must contact each Judge on the annual nomination list to inform those selected to the Official Panel of Judges and those not selected. The selected judges must then confirm their availability to the CJ within 14 days of receipt of notification of their selection. The final official Panel of Judges will then be posted on the FAI/IPC web site.

Proposed rule:

Judge panel selection:

The CJ, within 14 days of having received official approval of appointment, must contact each Judge on the annual nomination list to inform those selected to the Official Panel of Judges and those not selected. **This selection is the sole responsibility of the Chief Judge.** The selected judges must then confirm their availability to the CJ within 14 days of receipt of notification of their selection. The final official Panel of Judges will then be posted on the FAI/IPC web site.

2017 - Agenda item 7 re SC Section 5 -6.7.1 (3) Arrival at competition site

Current rule:

Arrival at the Competition site

The CJ must be at the competition site in sufficient time to fulfil all the duties required of a Chief Judge.

Proposed rule:

Arrival at the Competition site:

The Chief Judge must be at the competition site one day before the date of official arrival for judges (EJ and panel of judges), scheduled by organizers in the bulletins and published on FAI/IPC website, to fulfil all the duties required of a Chief Judge.

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

2017 - Agenda item 8 SC Section 5 Austrian proposal for change 6.6.1 Chief judge selection.

See Annex 44 to the IPC Plenary Meeting Agenda

Outline Definition of Judging System for use in Speed Skydiving

1. Jumps in a SP-competition are measured with two L&B Protracks (PT) each. At the Moment these are the only SMDs approved for SP-Competitions. PTs are recording barometric pressure, one measurement as ground reference directly before take-off, 4 measurements per second during the jump. The result is a recorded pressure-profile of the jump.
2. The Software must be capable to read out the ground-pressure and the profile via the infrared-interface of the PT
3. The calculation of the speed must be using the altitude-formula (TAS) published by L&B
4. The results must be verifiable by exporting the barometric readings, elevation values and visualization of the profile.
5. It is necessary to prove that the results are identical with Speedware or JumpTrack interpolation method.
6. The exact calculation method is submitted to the SP subcommittee and is presented on request.
7. It must be demonstrated that the download and evaluation of 16 profiles (8 skydivers) can be carried out permanently within 15 min. A Judge must be able to determine 8 results within the duration of a single load.
8. The results must either be exportable to a spreadsheet, or the software must allow the direct creation of all rule-compliant score sheets for a competition.

Note:

- If new measuring devices or systems are to be approved for competitions, it must be applied to the SP subcommittee to approve this. The necessary directives are / should be set in Portugal in 2017:
 - Evaluation requirements for new devices with barometric measurement
 - Requirements for completely new systems (e.g., GPS)
 - Consequences for previous records and results

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

Report from the IPC Judge Training Course Coordinator

We started the year with a workshop for Chief Judges of Training in Frankfurt. 17 Judges attended the course from 10 different countries (Australia, Belgium, Canada, France, Germany, Israel, Lithuania, Sweden, UK and USA). For two days we worked on unified training standards, developed new exam papers for all the disciplines and discussed future Training Courses. It was a great and helpful experience to have so many CJOT's on one table and together we made a big step forward to implement unified training standards. At the end everyone agreed that we should repeat this workshop at a regular base.

In 2016 in total 8 FAI Judges Training Courses were organised and ran around the world. Additionally re-evaluations were organised, either during a Judges Training Course or individually under the supervision of a current FAI Judge in different countries. All courses were taught by current FAI Judges.

Statistics:

Discipline	Courses	Countries
Accuracy Landing and Style	2 courses	CISM Russia, Argentina
Canopy Formation	1 course	Australia
Dynamic and Artistic Event	1 course	Belgium
Formation Skydiving	3 courses	CISM Russia, Australia, USA

Participants	Countries	Pass	%
34 in total	from 8 countries Australia, Argentina, Chile, Czech Republic, Norway, Peru, Switzerland, USA	27	79,4%
8 re-evaluations	Australia, Austria, UK, USA	6	75%

At the last IPC meeting the Judges Committee decided again to run 2016 FAI Judges Training Courses Dynamic for Dynamic Flyers only. From 2017 only National qualified Dynamic Judges can participate in a FAI Training Courses as specified in Section 5.

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

In 2017 we have to work on following points:

- Space on the webpage (cloud) to store the evaluation videos for the different disciplines. With a password the CJoT can get hold of easy and quickly to access the videos.
- Organise and prepare the next workshop for Chief Judges of Training
- Judges Online Training Course

Many thanks go to all the organisers who have supported and helped run the FAI Judges training courses. Thank you also to the Judges Committee, who have worked closely with me and provided me with all the support I needed to organise the courses.

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



Karla Cole
Judge Training Course Coordinator

IPC
November 2016

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

IPC Judge Video Librarian Report - 2016

by Tamara Koyn, acting IPC Judge Video Librarian November 2016

IPC Judge Video Librarian functions are described in 2014 IPC Plenary Meeting Annex 54. See also 2015 IPC Plenary Meeting Annex 67.

See 2016 FAI Sporting Code - Section 5:
4.9.3. Recording Media, 6.1.2(6)(a), and 6.9

IPC Judge Video Librarian reports to acting Chair of IPC Judges' Committee, Bernard Nicolas, as of the beginning of 2016.

Please contact Tamara (Tamara@Koyn.com or tkoyn2@swbell.net) and/or Bernard (ber.nico@free.fr) for any updates to this report.

2016 Status:

1) IPC USB 3.0 "shuttle" hard drives

Chair of IPC Judges' Committee (Bernard) and IPC Judge Video Librarian (Tamara) currently have four (4) IPC USB 3.0 "shuttle" hard drives for sending and receiving data for the IPC Judge Video Library; 2TB WD My Passport Ultra (black) drive, 1TB Seagate (black) drive, 1TB Adata (white) drive and 500 GB Seagate (black) drive. In 2015, another black (shiny) 1TB Seagate (black) drive was supplied from the 2015 WC of style and is in poor physical condition.

2) An organized version of 2016 WPC/Mondial (Chicago), 2016 WCIS (Poland) and 2016 WPC/WC Wingsuiting (Zhills) will be shipped to Bernard Nicolas shortly.

Speed Skydiving data, in addition to the jump graphs (a graphic file for each jump), the Speedware files (one .speedware file, one .bak file, many .txt files ("dump-00000021.txt" etc) and many .ptdump files ("dump-00000021.ptdump" etc) will also be included. Speed Skydiving judge course conductors will know how to utilize these files.

The Wingsuit Performance competition archive will include the GPS data log file (.csv) file for each jump. Wingsuit judge course conductors will be able to use these files to teach the use of ParaLog software and the PPC website during a Wingsuit Performance event. For use of ParaLog and PPC, contact Klaus Rheinwald.

<https://www.paralog.net/>
<https://ppc.paralog.net/>

These .csv files can also be read by other software as well, such as the free FlySight Viewer.

http://flightsight.ca/wiki/index.php?title=FlySight_viewers

1st FAI World Indoor Skydiving Championships 2015
http://koyn.com/CloudDancer/2015/15WISC_Video.html

2015 FAI World Air Games
http://koyn.com/CloudDancer/2015/15WAG_Video.html

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

FAI World Parachuting Championships Mondial 2016
http://koyn.com/CloudDancer/2016/16WPC_Video.html

2nd FAI World Cup of Indoor Skydiving 2016 http://koyn.com/CloudDancer/2016/16WCIS_Video.html

1st FAI World Wingsuit Flying Championships and World Cup 2016
http://koyn.com/CloudDancer/2016/16FAIWS_Video.html

(The web pages for 2016 IPC FCEs will be live by middle of December 2016.)

Thank you to the following persons: Jami Pillasch and Rina Gallo archived the AE free routine description sheets and transported/shipped materials. Aggie Solomon (WCIS Meet Director) supplied her personal hard drive when material could no longer be written to the IPC shuttle hard drive. Susan Dixon helped clarify members of the teams. Michael Cooper and Klaus Rheinwald explained the documentation of wingsuit performance competition. Arnold Hohenegger supplied the speedware data to be archived. And I thank others who have been in good communication and helpful.

3) 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
 2015 WISC (SFR, Dynamic, FS) - InTime - 157 GB
 2015 WAG (AE, CF, FS) - InTime - 50 GB
 2016 WPC/Mondial (AE, CF, FS, Style, Speed Skydiving) - OmniSkore!HD
 2016 WCIS (SFR, Dynamic, FS) - InTime
 2016 WPC/WC WS Performance/Acrobatic - ParaLog PPC website & OmniSkore!HD

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 (ber.nico@free.fr) to request videos and documents.

Important! Course instructors need request materials more than 4 weeks before their course so materials may be shipped on time!

2016 IPC Judge Video Librarian Expenses:

\$126.05 - March 31, 2016 (MicroCenter) - 3TB USB 3.0 portable hard drive (Toshiba) to contain the complete IPC Judge Video Library with Bernard Nicolas. (This is not a "shuttle" drive.)

<i>Subject:</i>	JUDGES COMMITTEE REPORT 2016 & OPEN MEETING AGENDA	Annex No. -	54
<i>Author:</i>	Bernard Nicolas, Committee Chair	Agenda ref. -	23.1
<i>Date:</i>	29 November 2016	Total Pages -	12

\$22.50 - May 31, 2016 (Postage) - above 3TB hard drive shipped to Bernard.

\$34.50 - June 18, 2016 (Postage) - shipped DVDs of 2015 IPC FCEs to FAI (Faustine Carrera)

\$9.60 - July 26, 2016 (Postage) - shipped 500 MB IPC shuttle HD to Ted Wagner to prepare OSHD scoring system for the judges' seminars at 2016 Mondial (Chicago).

\$100.00 USD - October 25, 2016 (Staples) - reimburse Rina Gallo for 2TB USB 3.0 portable HD (WD My Passport Ultra) to receive material from 2016 WCIS (Poland).

\$20.00 - November 8, 2016 (Postage) - reimburse Jami Pillasch for shipping 2016 Mondial (Chicago) documents and data.

Discussion Points for 2017:

1) For the 2016 WPC of Style (Chicago), the style score sheet for each jump had all penalties recorded to the first turn.

The rules for Style should introduce the requirement that all scores for each judge for EACH manoeuvre will be published...this is good for judge practice, training and evaluation as well as for competitors to understand how they were scored.

2) Regarding Canopy Piloting, it needs be decided what materials should be archived. (This event is not currently archived.)

3) For the 2016 WCIS, freestyle performers and dynamic teams could perform routines with music. Some performers/teams did utilize music, but the music was not included in the videos provided to the archive. These videos are not suitable for use in an evaluation because the judges at the event experienced also the music before giving their scores. The music needs to be included in future videos when music is actually utilized in the competition performance.

4) Archiving of Performance Records and Competition Records

Currently, the IPC Judge Video Library has no information on any records. Should the media (video(s), photo(s) and pertinent documents) for records be in the IPC Judge Video Library? This material would be useful for judge course conductors.

5) Should Skydive TV video programs on IPC FCEs be included 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 Koyin
IPC Judge Video Librarian