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| <i>Subject:</i> | IPC Judge Video Librarian Report 2018 | Annex No. - | 21b |
| <i>Author:</i> | Tamara Koyn, IPC Judge Video Librarian | Agenda ref. - | 21 |
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IPC Judge Video Librarian Report - 2018
by Tamara Koyn, acting IPC Judge Video Librarian November 2018

IPC Judge Video Librarian functions are described in 2014 IPC Plenary Meeting Annex 54. Also, please see the IPC Judge Video Librarian reports in 2015 Annex 67, 2016 Annex 54 and 2017 Annex 62.

See 2018 FAI Sporting Code - Section 5:
4.9.3. Recording Media, 6.1.2(5)(a), and 6.9

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

In addition to providing for SC S5 4.9.3, the purpose of the IPC Library includes maintaining a thorough archive of past competitions and maintaining a complete resource for IPC judge training courses.

2018 Status:

1) IPC USB 3.0 "shuttle" hard drives - There are four (4) "shuttle" drives; one (1) 2 TB, two (2) 1 TB, and one (1) 500 GB. (See 2016 Annex 54.)

2) The following competitions added since 2017 Annex 62:

1st FAI European Indoor Skydiving Championships 2018 Formation Skydiving, Indoor Solo Freestyle, Dynamic 2-way & 4-way

http://koyn.com/CloudDancer/2018/18EISC_Video.html

For Dynamic Speed Routines, the centreline, sideline and ring is included in one video with multiple viewing angles. The organiser created this "multi-view" video image, which was then ingested into the InTime scoring system.

NO music is included in any videos for those Performers or Teams who choreographed their free routines to music.

2nd FAI World Wingsuit Flying Championships 2018 Wingsuit Acrobatic and Performance

http://koyn.com/CloudDancer/2018/18WPCWS_Video.html

The Wingsuit Performance competition archive also includes the GPS data log files (.csv) for each jump. The free FlySight Viewer is available at:

http://flysight.ca/wiki/index.php?title=Cross-platform_FlySight_Viewer

FAI World Parachuting Championships 2018 Artistic Events, Canopy Formation, Formation Skydiving, Speed Skydiving

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http://koyn.com/CloudDancer/2018/18WPC_Video.html

Speed Skydiving data, in addition to the jump graphs (a graphic file for each jump), and the Speedware files are also included. The software inside the folder, "Speedware_Viewer_2018," is used to open the "wpc-2018.speedware" file.

3rd FAI World Cup of Indoor Skydiving
Formation Skydiving, Indoor Solo Freestyle, Dynamic 2-way

http://koyn.com/CloudDancer/2018/18WCIS_Video.html

At the time of this writing, the ring and sideline viewing angles for the speed routines are yet to be retrieved for inclusion in the library.

Music is included on the solo freestyle videos ONLY for IPC judge training courses.

No music is included for D2W teams who choreographed their free routines to music.

Thank you to Rina Gallo and Jami Pillasch, who transported an FAI IPC shuttle drive to collect the competition videos and documents. Thank you to Claire King and the staff of InTime for helping in providing complete scoring information. And thank you to others who have been in good communication and helpful.

3) Other Competitions...

1st FAI World Canopy Piloting Freestyle Championship 2018 7th FAI World Canopy Piloting Championships 2018

115 GB of videos files with numeric file names was provided to the library with no log information. At the time of this writing, it is yet to be determined if log information can be found for Freestyle CP.

FAI World Freefall Style and Accuracy Landing Championships 2018

This competition is not included in the IPC Library. All jumps were recorded on VHS video tape. Detailed scores were recorded in a file format created more than 20 years ago, which is not readable on modern or new computers. Using a special device to convert VHS to digital format requires about 3.5 hours of time per round of competition. This process is very time consuming as also to print out and scan the score sheets. The Weckbecker system is regarded unsuitable for style during a FCE, "if" the provider does not update the system to record jumps into a digital video signal and create score sheets that can be read on a modern computer.

4) Competitions currently on file:

69th FAI/IPC PLENARY MEETING, LILLE, FRANCE, 26 - 27 JANUARY 2019

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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 (FS/Dynamic/SFR) - InTime/Dynamar - 157 GB
 2015 WAG (AE/CF/FS) - InTime - 50 GB
 2016 WPC/Mondial (AE/CF/FS/Style/SP) - OmniSkore!HD - 51 GB
 2016 WCIS (SFR/Dynamic/FS) - InTime/Dynamar - 158 GB
 2016 WPC/WC WS (Performance/Acrobatic)
 - ParaLog PPC, FlySight & OmniSkore!HD - 8 GB
 2017 EC/WC (AE/CF/FS/SP) - InTime & Speedware - 34 GB
 2017 EC Style - no organisation - 0.5 GB
 2017 WISC (FS/Dynamic/SFR) - InTime/Dynamar - 142 GB
 2017 WC WS (Performance/Acrobatic) - ParaLog PPC website & OmniSkore!HD - 10.5 GB
 2018 EISC (FS/Dynamic/SFR) - InTime/Dynamar - 16.5 GB
 2018 WPC WS - OmniSkore!HD & FlySight - 7 GB
 2018 WPC (AE/CF/FS/SP) - InTime & Speedware - 86 GB
 2018 WCIS (FS/Dynamic/SFR) - InTime/Dynamar - greater than 16 GB

Note: 2013 DIPC4, 2014 DIPC5 and 2018 WCIS freestyle with music are available ONLY for FAI judge training courses and evaluations.

Anyone conducting a course or evaluation should communicate with Karla Cole, IPC Judge Training Course Coordinator (Karlacole@aol.com) and/or 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! These files are large.

For 2019, it is a goal to store much of the IPC Library in the "cloud" (internet) for easier access. Expect to hear more news about this later.

2018 IPC Judge Video Librarian Expenses:

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\$7.85 - March 17, 2018 (Postage) - FAI/IPC "shuttle" hard drive shipped to Jami Pillasch to collect 2018 EISC video and documents.

\$16.00 - July 25, 2018 (Postage) - FAI/IPC "shuttle" hard drive shipped to Rina Gallo to collect 2018 WPC Wingsuit video and documents.

\$20.00 - October 10, 2018 (Postage) - reimburse Jami Pillasch for return shipping of FAI/IPC "shuttle" hard drive with 2018 EISC and again with 2018 WCIS video and documents.

Discussion Points for 2019:

1) For 2018, FAI Sporting Code - Section 5: 4.9.3. added: "WS Performance" in the clause "(other than for CP and WS Performance)" The "WS Performance" needs to be removed from this, as "recording media" includes the GPS log files, and these files should be included in the IPC Library. The GPS log files for WS Performance is equivalent to the video files for all the video events, such as Formation Skydiving, Artistic Events, Canopy Formation, etc. This will also include Speed Skydiving if this event begins using GPS logging.

2) Both MKV and MP4 have been acceptable video file formats. Following is recommended phrasing:

4.9.3 (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 or MP4 format for video), 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 of the end of the FCE.

3) What should be included in the IPC Library for Freestyle Canopy Piloting? Freestyle CP CR 8.1.1 requires video recording to pan with the competitor over the water to landing... Freestyle CP should be included in the IPC Library for archive and judge training. An expert in Freestyle CP should recommend what should be included in the IPC Library.

4) There are less than 10 each year who take advantage of FAI Sporting Code Section 5: 4.9.3. "... that each Delegation can purchase copies of the same within 45 days of the end of the FCE." The reason for the low numbers is that delegations do not know about the availability. By what method can the delegations be notified that it is available?

5) There are some discussion points still outstanding from previous years' IPC Judge Video Librarian Reports to address for 2019.

Competition videos, data and pertinent documents are essential for developing judge skills as well as for competitors and future competitors to develop

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their skills. These materials are "reliably" available through the IPC Judge Video Library. And we want to preserve history.

I thank you for your time to read my report.

Tamara Koyn
IPC Judge Video Librarian=