



ICF Canoe slalom Timing and Scoring

Services description & Technical requirements

I. INTRODUCTION

This document is to inform the organizing committees (HOC) about the services which SIWIDATA will provide for the ICF CSL World Cups, the World Championships (in case of non Olympic year) and the Junior/U23 World Championships on behalf of the ICF.

This document summarizes the agreements taken between the ICF and SIWIDATA.

Especially note the chapters defining what the HOC need to prepare in order to guarantee a smooth setup and operation of the SIWIDATA systems, as they are extremely important.

Please read this document carefully!

In connection with this please read also the **ICF Technical Deliverables:** A2.7 pp 17 (Accommodation), D1.1 pp 36 (Internet access), C1.3 pp 22 (OVR) and C2.7 pp 28 (Timing and Scoring Management), B2.3 pp 19, C2.8 pp 29, C3.2 pp 34 (Technical Video Service TVS) C3.1, pp 33 (key Human resources needed for competition management)

In case of questions please contact : Thomas.rosset@canoeicf.sport and/or info@siwidata.com

II. SIWIDATA SERVICES

SIWIDATA will provide the following services:

- All printed reports including provisional start list, start list, checklists, unofficial, official and analytic results.
- Computer Draw for start lists
- Electronic timing for start, intermediate and finish, including backup timing.
- A wireless network infrastructure for a local information network (coaches, ICF)
- Info Screen (CIS) for announcer and press room
- SmartPush Devices for Penalty Data Entry by individual judges
- Audio Backup System for Penalty Data Entry, sectorwise
- Start Clock, Pre Start Clock
- Time Display in the finish area and one on the course
- TV Graphics (Fill+Key in HD/SDI) in ICF Layout
- Live Internet Results
- Scoreboard Results

- Gateline Camera system
- TVS cameras and cabling
- TVS Switching
- Streaming content for heats produced for upload by ICF

III. RESPONSABILITIES OF THE ORGANIZING COMIITEE (OC)

A. Contact Person

The HOC will appoint a contact person to coordinate the relations between the HOC and SIWIDATA. This contact person should get in touch with us to clarify open questions at least 2 weeks before the event starts.

B. Technical meeting

The HOC must take part at all technical meetings for all technical parties involved and all key service providers on the venue:

- a person responsible of HOC,
- a person responsible of the power infrastructure,
- a person responsible of the network/Internet infrastructure,
- a person responsible of the Videowall,
- someone from TV,
- Siwidata.

These meeting are scheduled by the ICF before all parties start setting up, to check on interfacing between parties (power/network/videowall with ICF/Siwidata/TV) and clear all open/unclear points.

ICF will set up these meetings latest for thursday morning on World Cups and on monday morning for World championships.

However, be aware that already before, Siwidata needs informations for power/network/videowall (locations of services as TV, TVS tent, Speaker, Videowall etc.)

C. Internet

For live results, ICF streaming¹, offices communication and normal working purposes, Siwidata will need a network cabled connection to the internet (broadband gateway).

1. For World Cup and Senior World Championships:

- To deliver all services we need an optimal symmetrical capacity of 20 Mbps and at least a critical minimal capacity of 10 Mbps.

¹ Only for parts of Worldcups where no TV production is planned, and complete for ICF Junior and U23 World Championships.

- This line needs to be fully dedicated to Siwidata (OVR).
- The line expenses are the responsibility of the HOC.

2. For Juniors and U23 World Championships:

- To deliver all services we need an optimal symmetrical capacity of 40 Mbps and at least a critical minimal capacity of 20 Mbps.
- This line needs to be fully dedicated to Siwidata (OVR).
- The line expenses are the responsibility of the HOC.

D. 3.4 Cabling

1. Timing/Scoring

SIWIDATA will bring the necessary cables to connect Start, Intermediate and Finish positions to the OVR room. SIWIDATA will try to use any existing legacy cabling if it is suitable.

2. TV

The cabling for TV-Signals (HD/SDI) and Audio communication from the OVR room to TV is not the responsibility of SIWIDATA. SIWIDATA will provide a Network connection to the OB Van for a CIS System.

3. Technical Video System TVS

The cabling from the OVR room to the TVS-Tent will be done by SIWIDATA. At the endpoint power has to be provided by the HOC. If an existing network infrastructure (providing an exclusive point to point connection) is available we will try to use it.

The TVS system delivers 6 TVS camera signals (HD 1080i50) to the OVR. Positioning of the cameras has to be coordinated by the ICF TVS coordinator in relation to TV cameras. If possible we will use power to run the cameras. Note also that switching of ODD/EVEN will be done in the OVR with SIWIDATA equipment by ICF operators/volunteers. 4 of the 6 cameras are operated and therefore a camera crew (semiprofessionals/volunteers) organized by HOC is needed.

4. Videowall

The cabling from the OVR room to a mixer for a Videowall will be done by SIWIDATA. At the endpoint power has to be provided by the HOC. The signal provided by SIWIDATA is HD-SDI 1080i50. If the Videowall system needs other types of input, it is on their side to convert it. Please ensure the Videowall operators are aware of this! 4/8

E. OVR room (timing & scoring & judging)

ICF describes in the ICF technical deliverables (C1.3, pages 22) the OVR (On Venue Results) concept. The OVR room handles the functions of timing, scoring and judging. An area of 60 - 70 m² minimum will be needed (in one room or two adjacent and linked spaces) and there should be tables and chairs for 10 to 11 working places.

In this area the following functions will occur, the **timing** (start/split/finish times collecting, penalty collecting), **TV-graphics generation, TVS switching**, control of **live results, streaming feeds (TVS, Broadcast)** and **timing&scoring -related scoreboard** (Videowall), **scoring** (checking judges sheets against electronically collected penalties, backup penalty system), **video judging, chief judging operations** (result signing, submitting penalty change requests, smartpush input handling), **official results posting**. Those functions are not splittable and have to happen hand in hand. The enquiry desk and print distribution should be located close to this area.

More than half of this space will be used for the SIWIDATA services (timing, scoring, TV-graphics, TVS Switching). An area of 20 m² minimum will be needed and there should be tables and chairs for 6 working places. This area has to be a cooled and lockable working area in the proximity of either Start or Finish.

As there is technical equipment stored in the OVR area security has to be guaranteed.

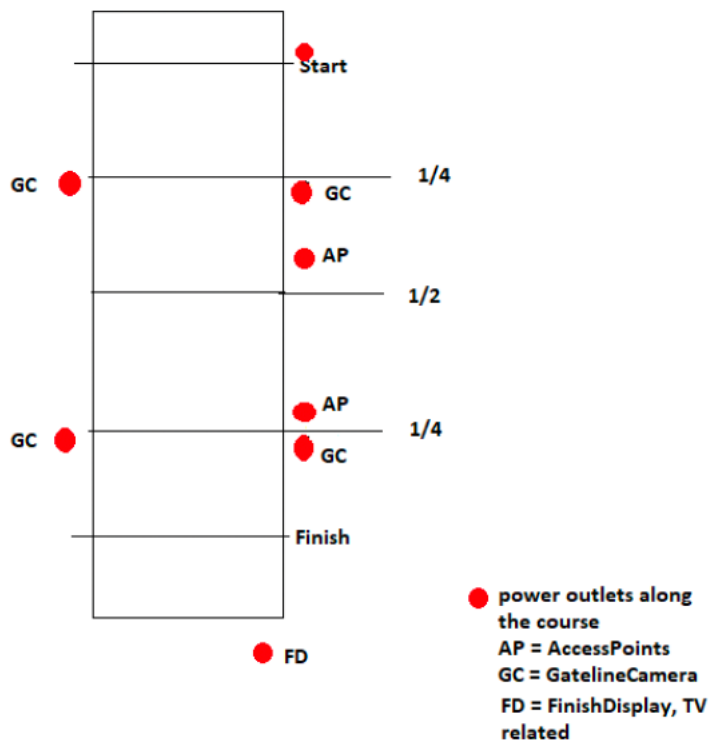
F. Power requirements

1. OVR

SIWIDATA needs a 24 hour supply of 6 KW 220 V power to run and recharge the batteries of our timing equipment. SIWIDATA have power autonomy for 15 minutes thus we cannot guarantee our service for power breaks longer than 15 minutes. It is mandatory for the HOC to think about some backup/failover procedures and means as for example Fuel-driven power generators.

2. On the bank

SIWIDATA needs also power on the banks for our Finish Display, the display on the middle of the course, our Accesspoints for the Smart Push devices, one in the first third of the course and one in the last third of the course. Also for the Gateline Camera system SIWIDATA need ideally 4 points to get power, 2 on each bank at every quarter of the course. If there is no power outlets close by the course the HOC has to provide this power outlets. The gateline power outlets can be combined with the Accesspoints outlet. The schematic to the right is to illustrate the concept.



Power could be used also on the TVS-camera positions to ease their operation.

In general SIWIDATA will send out a venue layout map for each venue asking for power on certain positions.

G. Entries

We will receive the entries from the ICF online registration service SDP. We will provide Entry lists (by Country, by Event) once the nominal entry deadline has passed (10 days prior to the competition). The ICF will liaise directly with SIWIDATA to update entries and any changes.

H. Logos of Organizing Committee and Sponsors

Logos of your sponsors and organizing bodies should be forwarded in PNG, JPG, BMP or EPS format to Thomas.rosset@canoeicf.sport.

For an adequate printed reproduction the resolution of the images should not be lower than 150DPI. Keep in mind, that the HOC-logos are also integrated in the TV Graphics, thus that logo should be made available with higher resolution too.

The logo bars (merging HOC and sponsors logo for TV graphics) must be provided in the following format: 2295 pixel*158 pixel.

I. Accommodation, Full Board and Accreditation

The HOC provides accommodation and full board for our staff in a good mid class hotel. Single rooms for each SIWIDATA staff member are required.

The HOC will ensure the correct accreditation for SIWIDATA operators, normally access to all venue areas including TV and Media (note we do not require access to Doping). We need 2 car passes to be able to unload/load at the timing room and to park on the venue.

If required local transport has to be organized (for example airport transfers, from/to stadion from/to hotel).

J. Start / Intermediates / Finish work Stations

For the Start and Finish operators we need a covered weatherproof (sun, rain) hut (similar to sector judging huts). A small table and chair are also required. For intermediates a bigger umbrella with a chair will suffice.

K. Result boards

If the HOC has or rents an electronic information display (not to be mistaken with a videowall), please inform SIWIDATA about the protocol/connection types to show results information on that device. This must happen at least 2 weeks before your event starts to be able to guarantee correct connections.

IV. VOLUNTEERS

(in accordance with ICF operational requirements C3.1 pages 33 and ICF CSL Volunteer matrix)

1 NTO "Finish and Finish Backup timer" located at the Finish. The volunteer is responsible for getting the finish time of an athlete. This volunteer has to have timing/canoe understanding, maybe the best suited person is one of the local timing crew. The volunteer has to be able to communicate with us, so it is mandatory that he speaks our language, this can be **English**, **German** or **Italian**.

3 volunteers "Split timer" are needed to do the 3 split times intermediates. Their job is to do a push button for each athlete passing. (2 in heat runs).

6 NTOs "Judges scribe" are required to transmit the penalties from the sectors via the audio backup system in contact with the central penalty check crew. In order for us to give them instructions it is best they understand **English, German or Italian**. The Technical Volunteers also have to be able to communicate with the volunteers of the central penalty check crew, see next paragraph.

2 volunteers "Back-up scorer" for the central penalty check crew in/near the timing room. These volunteers are in audio contact with the Technical volunteers at each sector to receive the penalties and enter them as backup data into our system. To communicate with SIWIDATA operators these volunteers must have knowledge of **English, German or Italian**. They also have to be able to communicate with the Technical volunteers at each sector.

4 TVS-camera man. The camera crew is responsible to be on time for each race and the semiprofessionals/volunteers are coordinated by the ICF TVS coordinator.

3 volunteers "TVS – switcher" for the TVS switching in the timing room. These volunteers will be switching the technical video camera streams as athletes go down the course. One Volunteer should function as coordinator of TVS camera crew and switchers. He will assist cooperate with the ICF TVS coordinator. It is crucial to the Video judging. To communicate with ICF supervisors/SIWIDATA operators these volunteers must have knowledge of **English**.

In total this are 18 volunteers. All volunteers must be present 30 minutes before the start of each days racing. Working hours are from 30 minutes before the start of the race to the end of the races each day. The day before the first race we will need all the volunteers for training and technical rehearsals (1 hour before the competition rehearsal).