SPORTident AIR+ - Configuration notes

Important notes for organizers V1.2 07.04.14

1. Preparation

1.1 Charging up the station

SPORTident stations need to be charged before application. Therefore the stations are equipped with an standard mini usb connector. The charging progress is indicated by LED in the display:

- Yellow – Indicates that the station is successfully connected to usb interface.
- Red – Indicates that the station is charging.
- Green – Indicates that the charging is completed.

A fully charged station BS11 BS will give a working time of about 100 hours and a fully charged station BS 11 BL of about 150 hours.

1.2 Configuration of stations

To configure the SI stations it requires:

- PC/Laptop
- SPORTident USB driver V 6.6
- SI-Config from version 2.5.7 and higher
- Mini usb cable

Connect the station with your PC and install the SPORTident usb driver. With the software SI-Config you can configure the SI station.

When configuring the stations, please note that the working time has to be set up longer than the total time of the event. **The operating time is not extented automatically** when data are recorded from the SIAC**.** We recommend to add a buffer of several hours for eventually occuring delays of the start. The maximum operating time is 94 hours.

Please check the settings for the operating mode (checkboxes) of the BS11. Set the features for punching/timing mode and the radio modes only with knowledge of the configurated functionality.

Each programming process will be recorded in the SI-Config logfile. Have a look into this logfile.

1.3 Systemtest

A full system test consists of a complete control cycle with all SI stations and one or two SIACs. Testing inside all SI beacon stations can be done separately by turning on and off one-after-the other. The evaluation of the data is done by reading the SIAC into the SI-Config software using or by using the SPORTident printout set. Checks should be done to:

- correct code numbers
- monotonically increasing times

This test is a necessary requirement for a relaxed and successful event day.

2. Event day

2.1 Preparation SIAC

CLEAR/CHECK of the SIAC should be done shortly before the start. The organizer monitors the CHECK process. CHECK activates the SIAC. **Without CHECK, no time keeping is possible!**

2.2 Time of the stations

SPORTident is a real time system. The time of the SI stations needs to be checked at the day of the event. Setting the clock can be proceeded with SI-Config or the software SI-Time.

2.3 Areal isolation of SIAC and SI stations in beacon mode

SI stations BS11 in beacon mode (BC) have a range of up to 5 Meters. Activated SIACs within the range generate additional time stamps or wrong time stamps.
Especially critical are finish time stamps as these deactivate the SIAC. Please comply with the following points:

- Separate the finish area from the start.
- Activate SIAC only immidiately before the start.
- Avoid unwanted passing of competitors at the finish area and the event centre to prevent inadvertently data records.
- Only switch on control stations at the checkpoint.

2.4 How to turn on the stations

Turing on BS11-BL
- The button is at the back of the station next to the display.

Turning on BS11-BS
- At the upper side left next to the display of the station is the OFF switch. At this point the BS11-BS will be switched on with a magnet. The stations start with an acoustic and optical signal. The display is active. Additionally there are short feedback signals when the station is switched on.

2.5 Test of event equipment

The event equipment has to be tested with the mounting of the control stations in the field. Every course setter needs to be equipped with an activated SIAC. The stations are switched on at their location in the field and tested with the test SIAC. The test stamps of the test SIAC have to be evaluated after returning into the event centre. The complete checking of all SI stations by the event supervisor is a requirement for the clearance to start.

2.6 Dismounting of stations

The stations have to be switched off in the field. Active SI stations in beacon mode (BC) are an unnecessary cause of risk for generating inadvertent data records in still active SIACs. Turning off the stations is prolonged to prevent switching off inadvertently. Pressing the button (BS11-BL) or when you turn off with the magnet (BS11-BS) three flashing signals have to be awaited before the station is off.