



NEW RULES FOR THE SABRE

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Adjustment of the functioning times of the scoring apparatuses, identification of the apparatuses.

Procedure to be followed:

Preliminary notes

After consulting the national federations, it was decided to apply a new rule, which implies the modification of the registering times of electrical scoring apparatus.

8. *After a hit has been registered, a subsequent hit made by the other fencer will only be registered if it occurs within a maximum of 170 ms (± 10 ms).*

Application: starting season 2016-2017.

Table for the new blocking time for **saber**:

Characteristics to be modified	Former rules	New rules
Time for double hit	120 ms \pm 10	170 ms \pm 10

AIMS OF THIS DOCUMENT

- ▶ allow a proper implementation of the new rules to modify the scoring apparatuses;
- ▶ the use of an identification plate in order to make easier the checking of modified scoring apparatuses or new apparatuses built according to the new rules;
- ▶ give information of the checking process;
- ▶ make sure that the adjustment of the scoring apparatuses cannot be modified.

INSTRUCTIONS FOR THE SCORING APPARATUSES MANUFACTURER

The manufacturers will have:

- ▶ **to implement all the modifications necessary for the correct functioning of the scoring devices the new standards**, even if these modifications are not explicitly described.
- ▶ **For the devices of former generations, to be modified:**
 - adapt the characteristics of the device to the new standards of regulation, with the implementation of new elements as a replacement of the former system of regulation.
- ▶ **For the new devices:**
 - new series of manufacturing to programming microprocessors following the new standards.
- ▶ **Identification label for scoring devices:**
 - Stick a special identification label, allowing to recognize that the device corresponds to the new standards.
 - Features of the label: anti-tamper label.
 - The identification plate of 2 x 4 cm, of magenta colour, will bear the following text in black letters: FIE 2016.
- ▶ **Blinking lights:**
 - When the unit is set to saber, it has to be a particular blinking of lights to allow the referee to make sure the settings on the new time.

► **Technical prescriptions:**

The system of regulation of the device must be protected to avoid any sort of modification. The security system is left to the appreciation of the manufacturer: security access code, leaded circuits, etc. The build manufacturer will have to establish a specification sheet for each device. This notice will mention the type of security that was adopted.

► **New certificate of SEMI homologation:**

To obtain a new SEMI certificate for the scoring machine, the manufacturers have to send a sample to the SEMI commission **only in the Moscow or Rome laboratories in the period and to the addresses that will be specified later.**

CHECKING OF SECURITY MARKS OF SCORING APPARATUSES

The functioning of the scoring apparatuses is of the responsibility of the manufacturer. The checking will concern the security system preventing any modification of the technical characteristics of the device. The observer will verify the identification plates of the devices and will verify that they are not modified.

INSTRUCTIONS FOR NATIONAL FEDERATIONS AND ORGANISERS OF FIE OFFICIAL COMPETITIONS

All organizers of FIE official competitions will have to complete the device sheet and to hand over to the FIE observer for his report, for World Cup events or to send to the FIE head-office in Lausanne, to the attention of the SEMI Commission, 2 months before their competition.

The FIE may dispose some surprise checks during the early part of the season.

See following table for NF and LOC:

Technical sheet for scoring apparatuses - season 2016-2017

Date	
Federation	
Name of the competition	
Name of the manufacturer	
Model or reference of the apparatuses	
Either	
Modification date of the apparatuses of former generation	
Modification date of the new apparatuses	
Total number of apparatuses	
Signature and seal of the Federation/Loc	