

## MINUTES

### SEMI COMMISSION MEETING LEIPZIG 25 & 26 July 2017

The Meeting was attended by

BIERKOWSKI Jacek – POL Representative of the Executive Committee

RIKHTMAN Semen – RUS President of the Commission

ASSADOURIAN Sarkis - IRI

EBERL LOPEZ Maria Wilda - CHI

ELZEFTAWI Gamil - EGY

GESTSSON Gudjon Ingi – ISL

HARINISHI Atsushi - JPN

HUGGINS Janet - GBR

LI Theodore - USA

VARALLO Giandomenico - ITA

The Chinese Federation informed Semen Rikhtman that YUAN Xiangyang –CHN would not be attending

#### 1. New system of fastening for masks;

9 masks were provided from various manufacturers. The new systems shown on masks from Allstar, Negrini, PBT and Leon Paul (double Velcro was suggested) were inspected and received the approval of the SEMI Commission and these manufacturers were asked to trial the new designs with fencers and provide feedback. The masks from other suppliers were invited to improve their systems. Provided that the fixing system follows the guidelines each manufacturer can fit their own systems.

It was suggested that from 1 April 2018 at the start of the Cadet and Junior World Championships all masks must be either new masks using the new systems or the system retro fitted on old masks

No new homologation of existing masks would be required.

The Referees Commission should be reminded that they operate the final check on the control mark, size and condition of the fencers' masks

## 2. Preparing for Tokyo 2020

A first draft of floor plan item was shown to the meeting. It was agreed that the area shown as weapon control would be fine for call room but that the main weapon control needs to be larger and need not be so close to the field of play.

## 3. Discussion of proposals for the 2017 Congress

Summary of decisions.

Proposal of the Rules Commission Proposal 6 Agreed

Proposal 7 Agreed

Proposals 8/9/10/11 &12 Agreed Gamil

ELZEFTAWI will provide a suitable wording regarding supply of electrical current.

Proposal of the Coaches Council Proposal 2 Agreed but suggest +/-5ms

Proposal of British Fencing

Proposal 1 SEMI has no opinion

Proposal 7 Agreed

Proposal 13 Agreed

Proposal 14 Agreed

Proposal 15 Against SEMI wish to retain this rule

Proposal of the Swedish Federation Proposal 1 Agreed

## 4. 10.00 am Meeting was held with the manufacturers of equipment on the issue of chipping a presentation was made by a representative of FLUORENTEK the company who will be issuing the chips and running the data base.

Manufacturers present

Absolute Fencing Gear Leon Paul PBT Hungry

Esprit Blades Blades Freres Vango

Prieur Sports Carmimari S.M.C. FWF

Negrini Artos Fencing Allstar Fencing

Uhlman Fencing StM

After the presentation questions were invited from the manufacturers.

The RFID Chips will be fitted under the FIE Homologation label.

The chip will have a unique identification number relating to the type of item i.e. plastron or jacket and to the specific manufacturer, allowing for product identification and traceability.

During Weapon control a chip reader will be able to identify the item on a central registry. The chips should be able to be washed without deterioration.

Questions were raised concerning data protection on sensitive manufacturing information.

#### 5. Information about the coordination of a single XML competition file

Julius Kralik and Marina Shturbabina (FIE IT Manager) and AnnickFron joined the meeting. They reported on the outcome of the working group to produce a single version XML file, as previously various software management programs used different versions of the XML file.

The final version provides a single type of XML which compatible with all of the management systems. It has been produced and checked and a handbook created. When accepted and homologated it is suggested that it should be submitted to the company running the FIE Web site and if possible should go live on the FIE web site from 1 October 2017. Marina Shturbabina will look at the final version to check that it complies with the website requirements.

It is proposed to create a special stand for monitoring software and information systems.

Communication between Scoring machines/ DT/Software "Cyrano" still need to be updated and Julius will continue to work on this.

Marina commented that security of information should be appropriate for the level of competition.

## 6. Contest “Wireless – 2020”

A new contest for a “wireless” fencing system is to be launched

### Timetable

- a. Publication of the call 01.08.2017
- b. Deadline for submitting applications 30.09.2017
- c. Eligibility evaluation period November 2017
- d. Information to applicants December 2017
- e. First test day for successful applicants 31.03.2018
- f. Choice of applicants for second stage April 2018
- g. Second test day for successful applicants September 2018
- h. Proclamation of the winner October 2018

## 7. Information about the work of the Center for certification

### Appendix 2

Data base for official use by SEMI giving homologation lists is almost finished

Level 1 for all users

Level 2 for producers for own brand

Level 3 for FIE / SEMI full information

Level 4 for FIE Administration for new items or amendments

Funding is required in order to finish the security and link to FIE

Web site

FIE Needs to purchase new checking apparatus for the Centre for Certification as the equipment he is currently using needs replacing.

8. Co-operation with the EU Commission (ST.-13567)  
Janet provided Giando with contact details of Steve Cowen who is drafting new CEN Regulations

9. VNITI Blades & How can we avoid any abuse in the process especially the date of the manufacture.

10. Proposed SEMI Delegates to the competitions

Junior & Cadet Verona –	Janet HUGGINS Ted LI Gudjon GETSON
SENIOR World Championships -	Semen RIKHTMAN Sarkis ASSADOURIAN Atsushi HARINISHI
World Veterans	Giandomenico VARALLO
Junior Olympic Games	ELZEFTAWI Gamil

11. Sarkis proposal SEMI should prepare a Minimum Safety Standards Hand Book for all countries for all competitions. It was suggested that these could only be guidelines as each sovereign country is responsible for its own governance for non FIE Events. Item to be referred to Evgeny TSOUKHLO as he is writing new handbooks

12. Sarkis submitted drafts designs for the call rooms for GP's, World Cups, Zonal Championships, World Championships and Olympic Games and suggested this design could be included in any new Hand book for Competitions. See Appendix 1.

13. Inside Guard Socket for Epee

It was suggested that the design of ISG should be adapted to prevent possible contact between the two terminals, which can show a false hit. The height of the terminals should be a maximum 2mm in height above the plastic and include 2 holes for wires.

Suggested wording

m.31.6.a The socket must have 2 separate holes for the wires to pass through and the maximum height of the socket should be 2mm

14. Proposal to change the (valid playing zone) width of the piste to be 1.5m not 1.5/2.0 as at present was accepted. Requires rule change

15. Proposal to change m.32.4 delete the words ~~or by soldering~~ as it is not practical to solder the wire to the stainless steel mesh.

16. Discussing the action items of the new development plan referred to FIE no reply as yet.

17. SEMI PROGRAMME SAFETY PROJECT

Safety Awareness Campaign before the WCH's suggest that this should be attempted through social media perhaps a video showing safety. Also a video of weapon control to be shown on social media and also on TV outside weapon control.

Gamil suggested that a ~Weapon Control QUIZ~ should be held at J & C World Championships like the recent doping control quizzes he will prepare a report for submission to Comex.

18. An update on Chest Protectors was given to the meeting by Richard Shearer, manufacturer of the new soft outer layer for the chest protector.

Washable EVA layer fix with Velcro to existing chest guard. 4mm thickness.

Production for men's chest guard can be within 2/3 months and 6 months for women because of the required shaping for the mould need to be manufacturer. Product shown and accepted by SEMI RULE change m.25.4.c rule to show correct density and product is EVA.

Suggest implementation from J & C World Championships April 18 Verona.

c) The use of a **breast/chest protector** (made of metal or some rigid material) is compulsory for women and optional for men. At foil, this breast/chest protector must be worn below the protective plastron.

The entire outside of the chest protector (the side facing the opponent) must be covered with a soft material as **E.V.A. (Ethylene-vinyl acetate) of four mm thickness and density of 22kg/m<sup>3</sup>**. (The material can be attached to the current plastic models or incorporated into the manufacture of new chest protectors). **The sample of new layers will be tested by the SEMI commission and , if approved, must have the SEMI technical mark at the center of the upper edge.** ~~The hardness of the outside of the material must be 20-30% hardness. This is the typical hardness of wet suit material for scuba diving (neoprene). This measure will be obligatory for the 2015/2016 season: the SEMI commission is to supply the specifications and testing procedures.~~

19. The following should be available for SEMI commission Delegates to be able to test equipment before the WCH

Request to FIE Executive for provision of these items

Slip meter

Foucault machine (2 already owned by FIE)

Automatic entry system for weapon control

Apparatus checking system

Information system control for software

20.1 SEMI delegate should arrive at the competition one day before the start of the Weapon Control in order to test equipment before the competition. Check list should be sent to the organisers giving SEMI requirements and contact should be made with the Delegates

21. Ted Li will make report the Zivkovic Illuminated Piste

22. Advertising on the equipment Semen and Giando have a suggestion to leave this kind of work to a member of the P&P commission and suggest that a member of PP Commission is present in the weapon control at major competitions

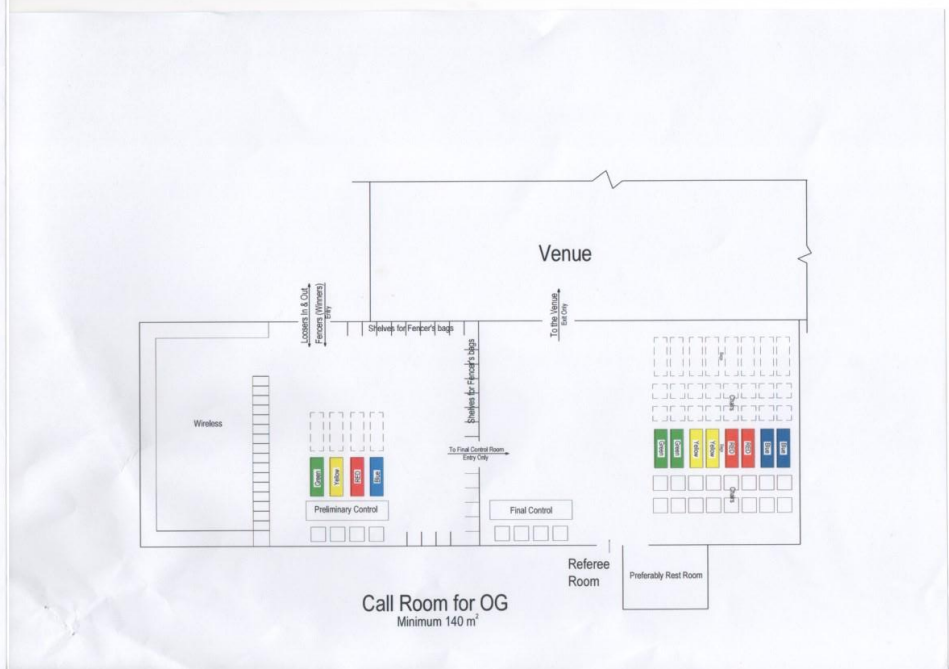
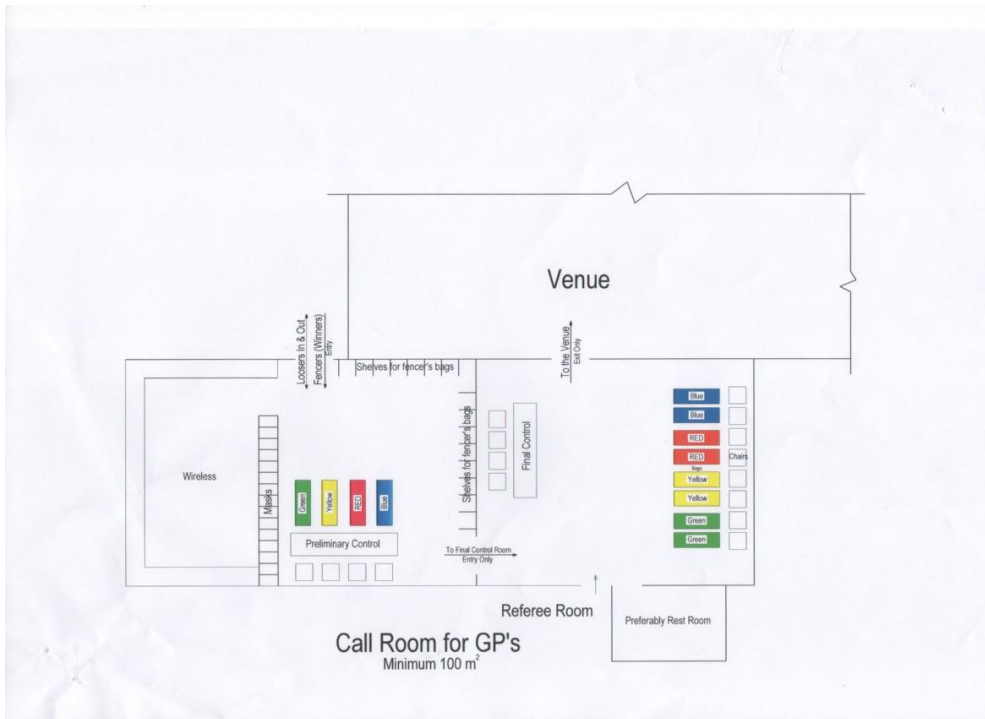
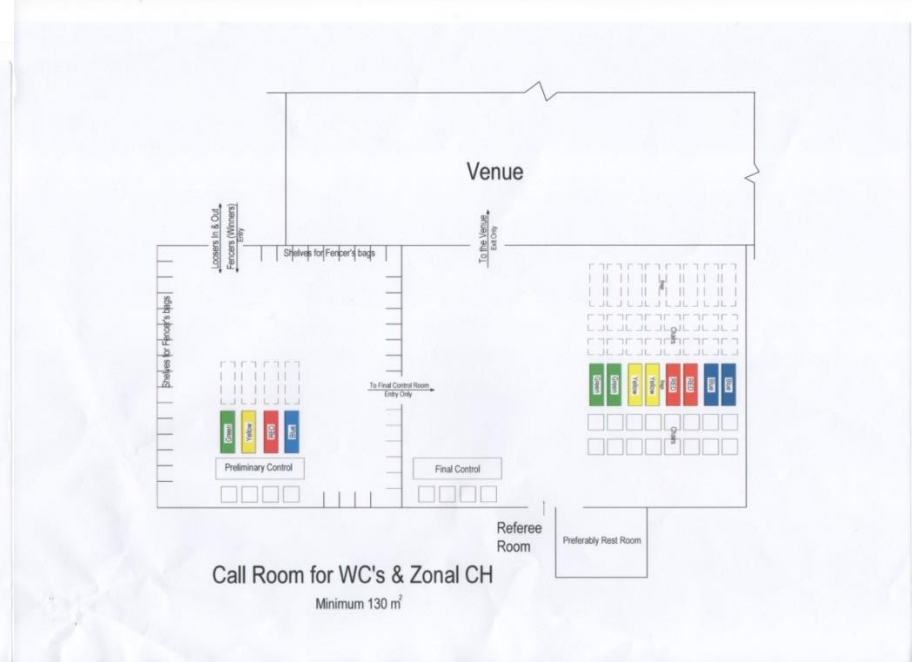
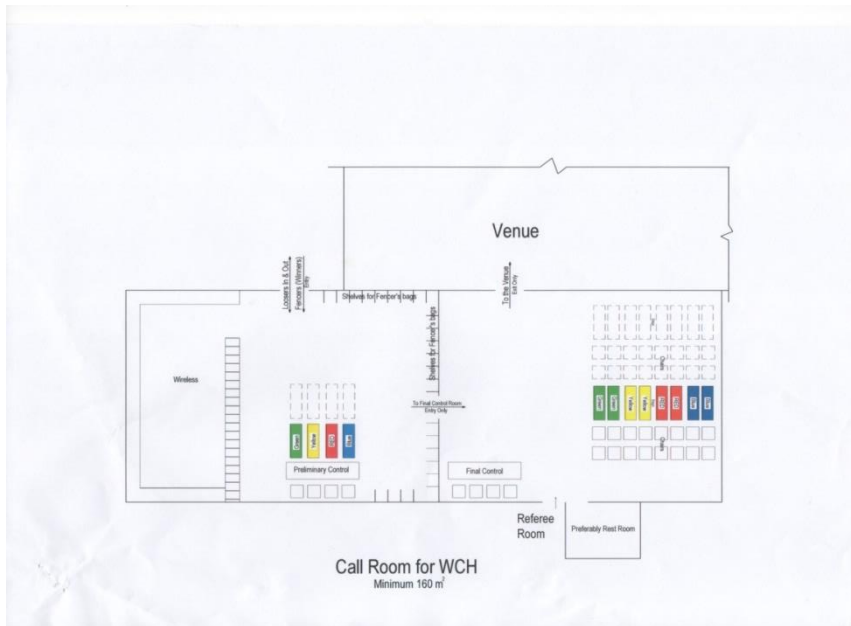
During the course of the two days that the delegates were present at the World Championships various meetings took place with some of the manufacturers to see new and inventive fencing equipment.

Absolute	Scoring machine with a large LED display
Leon Paul	Glass piste with programmable LED display
VSM	Virtual Scoring machine using a laptop

A discussion took place following the injury at this Championships Giandomenico Varallo has taken the jacket that was penetrated by a broken epee blade and will arrange for it to be tested. He also has the BF broken blade that caused the injury. Semi will arrange for a sample of 3 of the same type of blades also to be tested.

Meeting closed 12.00.26<sup>th</sup> July 2017





Appendix 1



Activities of the central quality control and approvals  
update #1/2017

Turin, June 22, 2017

Here is a brief overview of the activities of the center in the first middle of 2017.

#### DATABASE OF HOMOLOGATION

We need to decide, after the Congress approval already obtained, the timing for closing the problem of old homologations.

I'm ready with a database of all the approved items and also with a database structure, easily to integrated in the FIE website (my son already discussed about with Marina).

Budget for this work: 1.500 €

Actually we have registered in the database 60 manufacturers, including 26 for clothing and 14 for weapons.

#### PISTES AND PISTES CERTIFICATES

Finish of the stress test of the L2 Ultrasonis piste with favourable opinion.

I'm working with a Colombian aluminium manufacturer for a new piste. (the piste is working in my club and the fencers are always very happy)

Issued certificates: 178 cert. - 2 manufacturers

#### CLOTHING

It was provided advice and assistance to several manufacturers of new sabre gloves and white clothing.

I'm working with 3 new Chinese manufacturer and 2 Pakistani.

The quality of these manufacturers is not too bad but they are very poorly informed about rules, including the EU standard.

1 new uniform was checked by the CCQH and approved by FIE (FRA)

1 new sabre glove was checked by the CCQH and approved by FIE (PAK)

#### BLADES AND TIPS

Final approval of a new foil blade: Esprit (ITA)

7 different kinds of mixed tips has been approved (5 ITA, 2 GER)

FIE lists updated:

Blades list

Gloves list

Screwless Points

Revenue account:

Incomes € 17.800,00 for pistes certificate

Outputs € 298,00 2 day trip to Rome lab.

Other actions:

Carmimari breeches (with the help of the whole SEMI commission)

Letter for the advertising on the collar of the jacket

(after consulting with my Pres. and the Pres. of the P&P commission)

Various checks were carried out for incidents or defective equipments:

1 breeches + sabre blade (from ITA)

1 jacket + underplastron + blade (from GER)

2 underplastron with stitching defects (ITA)

PROPOSITION FOR THE COMMISSION:

"Brand protection service" for advertising (collar, socks, mask).

One member of the P&P commission with us in the weapon control and call room to check the size, the number and the position of the advertising and also the national logos during our work for the JC and Senior Championships.

The number of the variables is very wide and we have no time and workforce to do that work.

Furthermore the fencer are increasingly demanding regard to their sponsor.

As Mr. Rikhtman said long time ago "We are not painter, sorry".

Final remark:

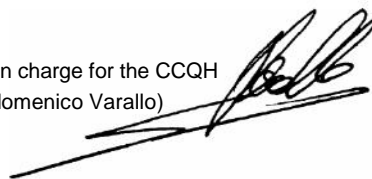
New soft layer in EVA ready for the final approval

Almost ready for the SEMI approval:

2 pistes, 1 glove, 1 mask, 1 uniform (3 p.)

VNITI

SEMI in charge for the CCQH  
(Giandomenico Varallo)



**PROPOSALS OF MODIFICATIONS TO THE RULES  
2017 CONGRESS**

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**Proposal 8**

**m.44**

1. 5. The source of electrical current (~~accumulators~~) should be 12 V DC via AC/DC converter or through VRLA (valve-regulated lead-acid) batteries (cf. m.58).

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**Proposal 9**

**m.51**

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- a) For official competitions of the FIE (cf t.1) the source of power must always be ~~accumulators~~ secured through external batteries or UPS (Uninterruptible power supply) in order not to interrupt the load during the match if any interruption happens in the normal electricity supply. The wiring of the ~~box~~ apparatus to be powered in this way must be designed so that it is impossible for the ~~box~~ apparatus to become connected by mistake directly to the mains supply.

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**Proposal 10**

**m.52**

4. For official FIE competitions (cf t.1) it is compulsory that the apparatus must be powered ~~by accumulators~~ through external batteries or UPS (Uninterruptible power supply) with minimum 5 minutes backup time ~~without any connection to the main electrical supply.~~

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**Proposal 11**

**m.58**

3. If the apparatus is constructed to operate with dry batteries, it must be equipped with a voltmeter or some other device enabling the power in the batteries to be checked at any moment. However, the apparatus must always be equipped with either a socket, ~~as described above~~ to allow it to be powered by ~~accumulator~~ 12 V DC via AC/DC converter or through VRLA batteries

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**Proposal 12**

**m.58**

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4. Generally, if the apparatus should be powered by batteries or UPS (Uninterruptible power supply), The minimum backup time for the external batteries or UPS is 5 Minutes. ~~there should be two batteries available per apparatus: 12-volt car batteries are used, of 60 or 90 amps/hour.~~