



CMAS

CONFÉDÉRATION MONDIALE
DES ACTIVITÉS SUBAQUATIQUES

WORLD UNDERWATER FEDERATION

FINSWIMMING

CMAS RULES

(BoD217-27/11/2021)

In force as from January 1st, 2022

CMAS Finswimming Rules

Version 2022/01

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1. DEFINITION

By "Finswimming", we mean the progression with a Monofin or with two fins either on the surface or underwater, using the swimmers' muscular force only and without the use of any mechanism, not even muscle-powered. For underwater disciplines with breathing equipment, only compressed-air sub-aqua equipment is allowed.

2. TECHNICAL REGULATIONS

2.1. AGE GROUPS

2.1.1. § Point 7. of CMAS Procedures – Competitions for age categories.

2.1.2. The age groups are the following:

a) "SENIOR"

- A: 18 years and over

b) "JUNIOR":

- B: 16 - 17 years
- C: 14 - 15 years
- D: 12 - 13 years
- E: 11 years or less (Pre-competition group)

c) "MASTERS": individual age group

- M30+
- M35+
- M40+
- M45+
- M50+
- M55+
- M60+
- M65+
- M70+
- M75+
- M80+ and so on in gaps of 5 years

d) "MASTERS": relay age group

| | Sum of age (from-to) | |
|------|----------------------|-----|
| R140 | 140 | 179 |
| R180 | 180 | 219 |
| R220 | 220 | 259 |
| R260 | 260 | + |

2.1.3. Pool competitions can be held over any distance, for individual and relay events, for men and women.

2.1.3.1. No competitions are allowed over a distance more than 50 m in apnoea and are not permitted in competition for athlete of Cat E.

2.1.4. Open water: Competitions can be held over any distance with the condition that the total safety of swimmers is guaranteed.

2.1.5. Relays:

2.1.5.1. By category: The four relay members are from the same sex and use same type of equipment.

2.1.5.2. **X:** (Mixed): two males and two females compose the relay team and use the same type of equipment.

2.1.5.3. **SB:** (Multiple): two women, one in Bi-Fins (certified Bi-Fins) and one in Monofin (or Bi Fins certified or not) and two men in the same configuration. The starting order will be man BF - woman BF – woman SF – men SF.

- 2.1.6.** It's specified below the minimum age required to participate in the Competitions and Championships CMAS.
- 2.1.6.1.** Under **12 years**, the athletes may compete in competitions and meetings registered in CMAS Calendar only if events and classification for Cat E are specified in the specific rules. One athlete of Cat E can't compete in a higher category in individual events.
- 2.1.6.2.** **12 years** to participate at World Cup
- 2.1.6.3.** **14 years** to participate at World, Continental or Zone Junior Championships
- 2.1.6.4.** **15 years** to participate at World Cup (to be classified in senior category) and World, Continental or Zone Senior Championships.
- 2.1.7.** Master's competition.
- 2.1.7.1.** During CMAS Master's competitions and championships, swimmers must swim exclusively in their age category and cannot compete in a higher category.
- 2.1.7.2.** It is specified that athletes belong to master only if during the current season:
- Haven't participated in the national championship (senior category) if the Master's ranking isn't provided in his own country.
 - Have classified only in competitions with master category.
 - Have not taken part in world's cup competitions (category senior)
- 2.2. SWIMMING TECHNIQUE IN SWIMMING-POOL**
- 2.2.1. Surface Finswimming (SF)**
- 2.2.1.1.** The swimming style is unspecified.
- 2.2.1.2.** Immersion is only permitted over 15 meters after the start and after each turn. The snorkel or the swimmer's head have to go out from the water before the end of the 15 meters strip.
- 2.2.1.3.** Outside the 15 meters zone, a part of the swimmer or the equipment must always emerge from the water surface.
- 2.2.1.4.** To distinguish between surface and apnoea, all swimmers must use a snorkel for breathing all the time at all the distances.
- 2.2.2. Apnoea Finswimming (AP)**
- 2.2.2.1.** The immersion in apnoea is only permitting in swimming pools (indoor or outdoor). The Judge must be able to follow the movement of the swimmer visually.
- 2.2.2.2.** The snorkel is not permitting.
- 2.2.2.3.** The swimming style is unspecified.
- 2.2.2.4.** While in apnoea, the face of the swimmer must be underwater during the whole distance.
- 2.2.2.5.** If electronic time equipment is used, the swimmer must touch the finish touchpad.
- 2.2.2.6.** If the 50 meters apnoea has swum in a 25 meters pool, the swimmer must touch the wall with a part of the body or the fin when turning.
- 2.2.3. Immersion Finswimming with breathing apparatus (IM)**
- 2.2.3.1.** In underwater swimming with compressed air breathing apparatus, the swimming style is unspecified.
- 2.2.3.2.** The way to carry the equipment used is unspecified.
- 2.2.3.3.** It is not allowed to change or abandon the breathing apparatus during the competition.
- 2.2.3.4.** The face of the swimmer must be submerging during the whole distance.
- 2.2.3.5.** If electronic timing equipment is used, the swimmer must touch the finish touchpads.
- 2.2.3.6.** The breathing equipment must at no time touch the swimming pool walls or the finish contact pads. Abuse will lead to disqualification.
- 2.2.4. Bi-Fins (BF) (see 11.6)**
- 2.2.4.1.** The swimming style is crawl swimming on the breast with a snorkel for breathing all the time at all the distances.
- 2.2.4.2.** Dolphin swimming is allowed only during the 15 meters in apnoea after the start and each turn.
- 2.2.4.3.** Immersion is only permitting over 15 meters after the start and after each turn. The snorkel or the swimmer's head must go out from the water before the end of the 15 meters strip.
- 2.2.4.4.** For the start, the fins of the swimmer must be positioned on a parallel line at the front of starting block.

2.3. FINSWIMMING IN OPEN WATER (OW)

For safety and security reasons, underwater swimming is no permit in open water competition. If a swimmer breaks this rule during the race, the style judge shows him a yellow card to inform him of his fault. If the style judge notes the fault again, a second yellow card is shown to the swimmer. With the third fault of underwater swimming, the style judge shows the swimmer a red card that informs him of his disqualification and obliges him to stop and go out of water. During relay event in Open Water, this rule applies to each member of the team.

It is specified that in open water, the style in Bi Fins is freestyle (dolphin authorised).

2.4. SPECIFIC POINTS FOR MASTER'S COMPETITION

2.4.1.1. The start can be taken from the starting block or the pool's edge or into the water from the wall.

2.4.1.2. If the athlete has a problem using the snorkel, he's allowed to start or swim without this equipment and all items under 2.1.7.1. about the snorkel are not applying.

2.4.1.3. Point 8.1.4.6 is not applying to Master's competitions.

2.5. EQUIPMENT AND RESTRICTION

2.5.1. Equipment allowed in for Surface Finswimming (SF), Apnoea Finswimming (AP) and Immersion Finswimming (IM) competition pools and in open water OW:

2.5.1.1. The fin comprises only a blade and fixed foot pieces.

2.5.1.2. Bi-fins are allowed without any restriction as to the dimensions and the material.

2.5.1.3. Monofins

From January 1st, 2021:

All Monofins need certification by CMAS (see 11.9).

The technical requirements to certify Monofins are in appendix 1 of the contract signed with Monofins producers.

Certified fins obligatory for:

- Participation in CMAS championships, World Cup and international competitions
- Certification for any records with Monofins

On each Monofin, the CMAS sticker provided to the manufacturers must be stuck on the blade before selling. Thus, the homologation of the Monofin is certified.

Manufacturers make sure the sticker is properly glued to the top of the blade and use glue that allows the sticker not to peel off over time and use the material.

Figure 1



2.5.2. Equipment allowed in pools and open water for Bi-Fins (BF) events:

2.5.2.1. All Bi-fins need certification by CMAS. The list and visual are in appendix 11.6, and technical requirements are in the document '*Swimsuits & Bi-Fins certification process*'.

2.5.2.2. Certified fins obligatory for:

- Participation at bi fins races in CMAS championships, World Cup and international competitions
- Certification for any records with bi fins

2.5.2.3. No protuberances or different materials may be applied to fins for altering the efficiency.

2.5.2.4. The fins must conform strictly as sold. It's strictly forbidden to modify the fins (e.g. cutting and pasting the rear tongue of the fin).

2.5.2.5. No material may be inserted into the foot pocket.

2.5.2.6. To fix the Bi-fins to the ankles exclusively in three directions (sole, ankle front and backside), fixing rubber can be used, produced originally by the manufacturer and available market and big distribution.

Neoprene shoes/boots are forbidden whatever the length "a" (Figure 5a). Ends of foot in neoprene or plastic are authorised (Figure 5b).



Figure 4



figure5a

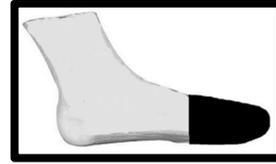


Figure 5b

2.5.3. Other equipment allowed in pools and open water:

2.5.3.1. Goggles or masks are serving only to protect the eyes and improve vision in the water.

2.5.3.2. For Surface Finswimming (SF), Open Water (OW) and Bi-fins (BF) competition: Snorkels only for breathing and without fairing (see the picture). Only snorkels with a circular section with a minimum diameter interior of 15 mm (fifteen millimetres) and a maximum internal diameter of 23 mm (twenty-three millimetres) are permitted.

The minimum length of 430 mm (forty-three millimetres) and a maximum overall length of 480mm (four hundred eighty millimetres) are permitted. The top end of the snorkel may be cut obliquely or with a round lip, but the length is measured to the highest point.

The lengths of the snorkel must be measured inside the tube.

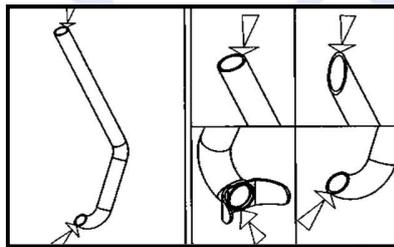


Figure 6

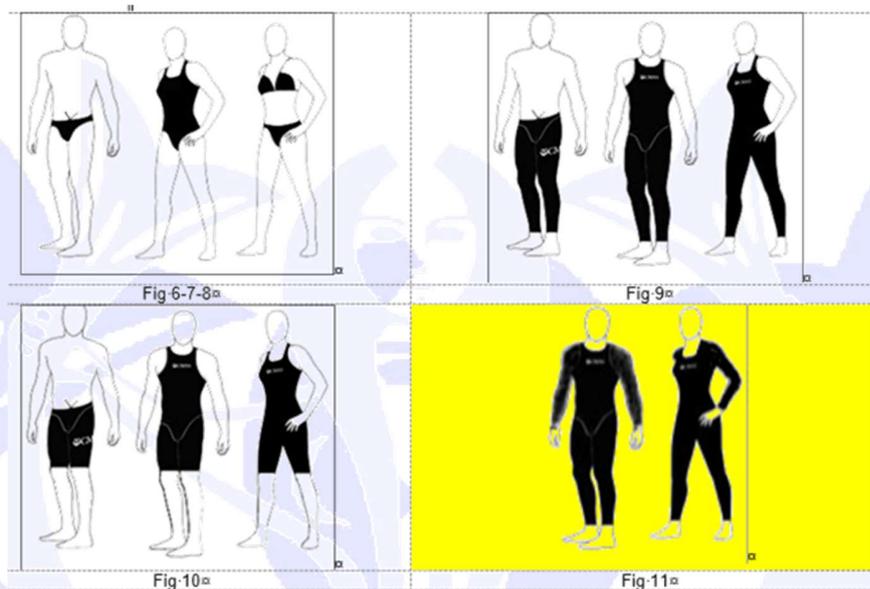
2.5.3.3. The goggles, masks and snorkels must not have any attachments serving any purpose other than the functions listed above.

2.5.3.4. Immersion Finswimming with compressed air-breathing apparatus:

- a) only compressed air without oxygen enrichment is allowed
- b) for pool competitions, the minimum volume of a compressed air cylinder (bottle) is litres 0.4 (zero points four-litre)
- c) The maximum filling pressure for the compressed-air cylinders cannot exceed 200 bar (20 MPa).
- d) when a cylinder with a flat bottom is used, adding a rounded bottom, which does not exceed the radius of the cylinder, is allowed
- e) All cylinders must have passed a hydrostatic test less than 2 years before the competition, or even less if required by the local legislation.
- f) Each cylinder must be presented empty during the checking meeting before the competition.

2.5.3.5. Auxiliary equipment: (see 11.7)

- a) The swimmers must appear in decent sportswear: for men bathing short trunks (fig.6); for women – regular swimsuits (fig.7) or two pieces' normal swimsuit (fig. 8). Allow using competitive swimsuits (full body) or pant (fig.9) and knee suits (fig.10), Swimsuits full body (legs and arms (fig. 11) only homologated by CMAS and with proper logos. All bathing clothes must not affect the natural buoyancy of the swimmers. Only one sportswear is allowed.



- b) For open water competitions, equipment of a) above and neoprene wet suits may be used; trousers and jackets, one-piece or two-pieces. Using competitive swimsuits long gown or skirt (enlarging the surface of the swimmer) is not allowed. Other auxiliary equipments or buoyancy devices are not allowed in any case.
- c) One or two swim caps are authorised.

- 2.5.4.** The wearing of advertising slogans on the fins and compressed air tanks during international competitions and championships is allowed without restrictions. Advertising slogans are tolerated on the swimmers' sportswear. However, it is stressed that during international championships, the swimmers must present themselves at the different ceremonies (like awards ceremony) in the official dress of their national team.
- 2.5.5.** The swimmers with not conformed equipment won't be admitted to the starting block. If the irregular equipment is found out after the end of the race, the swimmer is disqualified.
- 2.5.6.** Any new equipment must be shown for the agreement to the Finswimming Commission and has to be approved by the BOD before using in competition.
- 2.5.7.** Other auxiliary equipment forbidden

No material except a timekeeping system and a Mat like fig.12 (in microfiber or silicone) can be positioned on the surface of the starting block. The Finswimmers can't place anything on the surface of the starting block.



Fig. 12

- 2.5.7.1.** Carry a watch or any other similar device is forbidden for the competitions (only in the swimming pool).
- 2.5.7.2.** Any kind of tape on the body is not permitted. This rule intends that tape should not be allowed if it provides any kind of competitive advantage to a swimmer regardless of any medical reason. One of the more common types of taping is known as Kinesio-taping. Although there may be a valid medical reason for using it, it is considered to provide the swimmer with a competitive advantage and shall not be allowed).

3. CMAS CHAMPIONSHIP AND COMPETITIONS

3.1. CLASSIFICATION OF THE COMPETITION

3.1.1. Two different kinds of competition:

- Swimming-pool Competition
- Open Water Competition

3.1.2. CMAS Championship and Competition:

3.1.2.1. Cat A

- World Championship
- Continental and zone Championships

3.1.2.2. Cat B

- World Cup (seniors, juniors, masters)
- European Cup Group C and D.
- Finswimming University Competition

3.1.2.3. Cat C

- All other events registered in the CMAS calendar

3.1.3. also:

- World Games (organised by IWGA)

3.2. DOPING REGULATION

3.2.1. CMAS championships, University competitions, World Cup (rounds and Golden Finale) and **World Series must be organised with doping test according to the IOC and CMAS doping regulation, scheduled by Sport Accord.**

3.3. WORLD AND CONTINENTAL SWIMMING-POOL CHAMPIONSHIP

3.3.1. World and Continental Championships are organised every two years alternatively:

- World championship (seniors & juniors): even years ('16, '18, '20, etc.)
- Continental championship (seniors & juniors): odd years ('17, '19, etc.)

3.3.2. The championships must be held in officially approved swimming pools

3.3.3. In the World and Continental Swimming-pool Championships:

- a) Each country may enter no more than two (2) swimmers for each distance and one (1) relay team.
- b) The entries must reach CMAS headquarters within the time limits set by the CMAS rules on www.cmasoffice.org (§ Point of CMAS Procedures).
- c) CMAS Championships is organised over four (4) days and eight (8) sessions.
- d) The qualifying heats are scheduled in the morning and finals in the afternoon.
- e) 400 IM, 800 SF, 1500 SF, are scheduled with slow heats in the morning and fast heat in the afternoon (direct final).
- f) For this reason, for events notified in e), it's requested to the national federations send to the CMAS HQ the official protocols of all national selection competitions in delay maximum of two weeks after the competitions (in one of the three CMAS languages). Thus, times of enrolments of the swimmers will be checked for CMAS championships. If the protocols are not transmitted in this deadline, the corresponding enrolments are cancelled, and the athletes are engaged with time 00:00:00.

g) The 4-day program:

| | Morning HEATS or SLOW HEATS | Afternoon FINAL or FAST HEAT | Medal Ceremony |
|----------------|-----------------------------|------------------------------|----------------|
| Day 1 | 100 SF Women | 100 SF Women | |
| | 100 SF Men | 100 SF Men | 100 SF Women |
| | 100 BF Women | 100 BF Women | 100 SF Men |
| | 100 BF Men | 100 BF Men | 100 BF Women |
| | 400 SF Women | 400 SF Women | 100 BF Men |
| | 400 SF Men | 400 SF Men | 400 SF Women |
| | 4x50 SF mixed | 4x50 SF mixed | 400 SF Men |
| | | 4x50 SF mixed | |
| Day 2 | 100 IM Women | 100 IM Women | |
| | 100 IM Men | 100 IM Men | 100 IM Women |
| | 200 SF Women | 200 SF Women | 100 IM Men |
| | 200 SF Men | 200 SF Men | 200 SF Women |
| | 200 BF Women | 200 BF Women | 200 SF Men |
| | 200 BF Men | 200 BF Men | 200 BF Women |
| | 1500 SF Women (slow heats) | 1500 SF Women (fast heat) | 200 BF Men |
| | 1500 SF Men (slow heats) | 1500 SF Men (fast heat) | 1500 SF Women |
| 4x100 BF mixed | 4x100 BF mixed | 1500 SF Men | |
| | | 4x100 BF mixed | |
| Day 3 | 50 SF Women | 50 SF Women | |
| | 50 SF Men | 50 SF Men | 50 SF Women |
| | 50 BF Women | 50 BF Women | 50 SF Men |
| | 50 BF Men | 50 BF Men | 50 BF Women |
| | 400 IM Women (slow heats) | 400 IM Women (fast heat) | 50 BF Men |
| | 400 IM Men (slow heats) | 400 IM Men (fast heat) | 400 IM Women |
| | 400 BF Women | 400 BF Women | 400 IM Men |
| | 400 BF Men | 400 BF Men | 400 BF Women |
| | 4x200 SF Women | 4x200 SF Women | 400 BF Men |
| | 4x200 SF Men | 4x200 SF Men | 4x200 SF Women |
| | | 4x200 SF Men | |
| Day 4 | 50 AP Women | 50 AP Women | |
| | 50 AP Men | 50 AP Men | 50 AP Women |
| | 800 SF Women (slow heats) | 800 SF Women (Fast heat) | 50 AP Men |
| | 800 SF Men (slow heats) | 800 SF Men (Fast heat) | 800 SF Women |
| | 4x100 SF Women | 4x100 SF Women | 800 SF Men |
| | 4x100 SF Men | 4x100 SF Men | 4x100 SF Women |
| | | 4x100 SF Men | |

3.4. WORLD AND CONTINENTAL OPEN WATER CHAMPIONSHIP

- 3.4.1.** Each country may enter not more than four (4) swimmers for each distance and one (1) relay team by category.
- 3.4.2.** If the relay team is mixed, it's necessarily composed of two female athletes and two male athletes. The starting order is free and is decided by the team leader according to point 8.2.5 below.
- 3.4.3.** The Open Water Championships are scheduled as follows:
 - 3.4.3.1.** The categories Juniors and Seniors are scheduled in the same place and at the same time.
 - 3.4.3.2.** The Master's Open Water Championship is scheduled at the same place but just after the categories Juniors and Seniors.

3.4.4. Programme of the Championships

Juniors/Seniors Championships

| | Morning Session | Afternoon Session |
|-------|--|--|
| Day 1 | Technical Meetings and Training | Session 1 • 4x150m Multiple Relay; Elimination race (Senior) • 4x150m Multiple Relay; Elimination race (Junior) |
| Day 2 | Session 2 • 5km SF Men (Senior-Junior) • 5km SF Women (Senior-Junior) • 150m Individual BF, Elimination race Heats (Senior) • 150m Individual BF, Elimination race Heats (Junior) | Session 3 • 3km BF Men (Senior-Junior) • 3km BF Women (Senior-Junior) • 150m Individual SF, Elimination race Heats (Senior) • 150m Individual SF, Elimination race Heats (Junior) |
| Day 3 | Session 4 • 1km BF Women (Senior-Junior) • 1km BF Men (Senior-Junior) • 4X1km Mixed Relay SF (Senior) • 4X1km Mixed Relay SF (Junior) • 150m Individual BF, Elimination race Final (Senior) • 150m Individual BF, Elimination race Final (Junior) | Session 5 • 1km SF Men (Senior-Junior) • 1km SF Women (Senior-Junior) • 4x1km Mixed Relay BF (Senior) • 4x1km Mixed Relay BF (Junior) • 150m Individual SF, Elimination race Final (Senior) • 150m Individual SF, Elimination race Final (Junior) |

3.4.4.1. The operational organisation of 4x150m Multiple Relay (See point 11.10)

Masters Championships

| | Morning Session | Afternoon Session |
|-------|--|--|
| Day 1 | Technical Meetings and Training | Session 1 • 1km BF Women • 1km BF Men • 3km SF Women • 3km SF Men |
| Day 2 | Session 2 • 1km SF Women • 1km SF Men • 3km BF Women • 3km BF Men | Session 3 • 4X1km SB |

3.5. WORLD CUP SWIMMING-POOL AND WORLD CUP OPEN WATER

3.5.1. See the "Appendix CMAS World Cup Rules" enclosed.

3.5.1.1. CMAS World Cup is organised every year.

3.5.1.2. **USA specification:** Program of competitions is adapted because immersion events are not authorised (see 4.1 after).

3.6. EUROPEAN CUP GROUP C AND D

3.6.1. See the "Appendix CMAS Finswimming European Cup for Categories C & D Rules" enclosed.

3.6.2. In the CMAS Finswimming European Cup for Categories C & D, only clubs can participate

3.6.3. The CMAS Finswimming European Cup for Categories C & D Meetings include only categories C and D.

3.6.4. Organisers can't stage any event in addition to the official program.

3.7. CMAS MASTER'S WORLD CUP

3.7.1. See the "Appendix CMAS Master's world Cup Rules" enclosed.

3.7.2. The CMAS General Rules and CMAS Finswimming Rules are applied, except for point 4.8 of the CMAS Finswimming Rules. The CMAS Master's World Cup can be held in a 25 m Swimming

Pool with a width minimum of 12m (6 lanes). No records are homologating if the competition is held in a 25m swimming pool.

3.8. WORLD AND CONTINENTAL SWIMMING-POOL MASTER'S CHAMPIONSHIP

3.8.1. The programme is specifically defined for each type and specified in the specific rules of the related championship.

3.9. WORLD GAMES (ORGANISED BY IWGA.)

3.9.1. The events, modalities of selection and participation for this multi-event competition are defined in point 11.8 of the present rules.

3.10. CMAS WORLD RANKING

3.10.1. The results (time) of the swimmers who participate in the CMAS Finswimming Championship and CMAS Finswimming World Cup rounds create the CMAS World Ranking.

3.10.2. The World Ranking concerns the categories Senior and Junior.

3.11. WORLD SERIES

3.11.1. This competition is organised under the umbrella of CMAS by a Local Organisation appointed by CMAS.

3.11.2. The number of rounds is not defined since CMAS approve the calendar of the World Series annually;

3.11.3. The CMAS General Rules and CMAS Finswimming Rules have applied during the World Series, and the specific rules are established and accepted in advance by CMAS.

3.11.4. The World Series must be held in officially approved swimming pools.

3.11.5. Participation is only by the personal invitation of CMAS.

3.11.6. Configuration of a World Series.

3.11.6.1. A total of eighty (80) athletes maximum can participate in each round

3.11.6.2. 10 places in category Men and 10 places in category women are offered to organisers.

3.11.6.3. Eight (8) athletes by an event.

3.11.6.4. Only Men and Women for Seniors Categories are taking into account.

3.11.6.5. The events programmed in the World Series are :

a) Individual events, 50m AP, 50m BF, 100m SF, 100m BF, 200m SF, 200m BF.

b) Relays, 4x50m BF mixed, 4x50m AP mixed, 4x50m SF mixed, 4x50m AP/BF multiple, 4x100m SF mixed, 4x100m BF mixed.

3.11.6.6. Each relay is denominated "friendship relay". The constitution and the order are defined in the specific rules of the round of the World Series.

3.11.7. Program:

| | Morning Session | Afternoon Session |
|-------|--|--|
| | Session 1 | Session 2 |
| Day 1 | 1. 50m AP Women 2. 50m BF Women 3. 100m SF Men 4. 100m BF Men 5. 200m SF Women 6. 200m BF Women | 7. 4x100m SF mixed 8. 4x50m BF mixed 9. 4x50m AP mixed |
| | Session 3 | Session 4 |
| Day 2 | 1. 50m AP Men 2. 50m BF Men 3. 100m SF Women 4. 100m BF Women 5. 200m SF Men 6. 200m BF Men | 7. 4x100m BF mixed 8. 4x50m SF mixed 9. 4x50m AP/BF multiple |

4. REGULATIONS FOR THE SWIMMING-POOL SETUP

- 4.1.** IN THE USA, ALL RULES AND REGULATIONS APPLIED FOR SWIMMING POOL AND SWIMMING FEDERATION AREN'T IN CONCORDANCE WITH RULES APPLIED IN OTHER PARTS OF THE WORLD. THUS, THE SWIMMING POOLS HAVE SOME DIFFERENCE BUT RECEIVE THE CERTIFICATION OF USA SPORT AUTHORITIES. CONSEQUENTLY, CMAS ADAPTS RULES OF SOME POINTS UNDER THE FOLLOWING CONDITIONS:
- Period of derogation: until 2022.
 - Notify in points 4.2, 4.7, 4.11, 4.13 below in this chapter and 6.3 of Chapter 6, indicating "USA specification".
 - Type of Competition: only World Cup or Competition registered in CMAS calendar.
- 4.2.** For CMAS championships, the pool must satisfy the following conditions:
- length: 50 meters
 - width: minimum 21 meters
 - depth: minimum 1,80 meters (1,50 meters, **USA specification**).
 - Starting blocks must be installed on the two ends of the pool.
- 4.3.** When electronic pads are installed at the start end of the pool and at the end of the turn, the pool length between the two pads must be no shorter than 50 meters.
- 4.4.** Concerning the nominal length of 50 meters, a tolerance of plus 0,03 and minus 0,00 meters on the two end walls is permitted, measured from 0,3 meters above to 0,8 meters below the water surface. An engineer or another official appointed or approved by the federation of the hosting country certify these measurements.
The tolerances cannot be violated when the electronic pads are installed.
- 4.5.** The end walls must be parallel, forming right angles with the swimming trajectory and the water surface. They are constructed from a solid material with a non-skid surface extending to 0,80 meters under the water surface, permitting the swimmers to touch it and push it without danger.
- 4.6.** Resting boards projecting on the pool walls are allowed. They must be situated at a minimum of 1,20 meters below the water's surface and may have a width of 10 to 15 centimetres.
- 4.7. Out of USA:** Overflows can be placed on the four walls of the pool. If the overflows are placed on the end walls, they must allow the electronic pads to be fixed at the required height of 0,3 meters above the water surface. They must be covered by a grate or by an adequate screen. Adjustable closing valves must equip all overflows so that the water is maintained at a constant level.
USA specification: Overflows can be placed on the four walls of the pool. Adjustable closing valves must equip all overflows so that the water is maintained at a constant level.
- 4.8.** The lanes must have a width of at least 2,5 meters with at least 2 spaces of 0,2 meters outside the first and last lane. There must be a minimum of 8 lanes.
- 4.9.** Lane markers must cover the whole length of the lane and be fixed by hooks embedded on the end walls. Each lane marker must be made of buoys placed from one end to the other, with a minimum diameter of 0,05 meters and a maximum of 0,15 meters. More than one lane marker between each lane is not permitted. The lane markers must be stretched tight.
- 4.10.** Starting blocks must be firmly fixed with no springboard effect. The height of the starting block over the water surface must be from 0,5 to 0,75 meters. The surface must be at least 0,5 per 0,5 meters and covered by a non-skid material. The maximum slope should not exceed 10°.
- 4.11. Out of USA:** Each starting block must be numbered on all four sides in a clear, visible way. Lane number 1 must be on the right-hand side when facing the pool from the starting end.
USA specification: Each starting block must be numbered in a clear, visible way.
- 4.12.** Water temperature must be between 25 Celsius and 28 Celsius during the competition. The water of the pool must be kept at a constant level, without observable currents. To observe hygiene regulations in force in most countries, the water circulation is authorised, provided there is no formation of current or waves.
- 4.13.** The marking of the lanes must be of a dark colour with contrast to the pool sides. The marking lines on the bottom of the pool at the centre of the lanes must be a width minimum of 0,2 meters, a maximum of 0,3 meters for a length of 46 meters for pools of 50 meters length. Each lane marking line must end at 2,0 meters from the pool's end walls with a distinct perpendicular line of 1-meter length and of the same width as lane lines. The finishing lines must be placed on the end walls or the electronic pads, at the lane centre, and the same width as the lane lines. They must extend with no interruption from the edge of the pool to the bottom. A perpendicular line of 0,3 to (**USA specification**) 0,5 meters must be placed at 0,25 to (**USA specification**) 0,3 meters under the water's surface, measured from the centre of the

perpendicular line.

- 4.14.** The 15 meters areas are marked with a 20 centimetres wide strip that must be fixed on the swimming pool floor, 15 meters away from each end of the start and turning wall, and a mark in the same position minimum one meter above the water surface.
- 4.15.** No smoking shall be permitted in any area designated for swimmers at all international competitions, either before or during competitions.

5. AUTOMATIC TIMING AND CLASSIFICATION EQUIPMENT

- 5.1.** The automatic or semiautomatic timing and classification system records the race time of each swimmer and determines his/her place. The classification and the timing must be made with a precision of two digits after the point (1/100 of a second). The place and the resultant times prevail upon the decisions of the timekeepers. The equipment installed must not hinder the starts, the turns of the swimmers, or the overflow system's functioning.
- 5.2.** When 1/1000 is used, the third digit shall not be recorded and not used to determine the places. In the event of equal times, all swimmers who have recorded the same time at 1/100 second shall obtain the same place. When an electronic spectator scoreboard is used, time should be shown only to 1/100 of a second.
- 5.3.** Any time measurement made by the timekeepers is considered manual time. Three official timekeepers per lane must ensure the manual timing. All timing must be certified as exact and approved by the Chief Judge.

A manual timing must be recorded at 1/100 seconds. If no automatic equipment is used, the official manual timing must be determined as follows:

- If two (2) of the three chronometers show the same time and the third shows a different time, the two timers recording the same time will be official.
 - If three (3) chronometers show different times, the chronometer showing the intermediate time is official.
 - If the time is registered only by two timekeepers, the official time is the larger of the two.
- 5.4.** Suppose the automatic equipment is not functioning correctly and does not record the placing or the time of one or more swimmers in a heat. In that case, it is necessary to record all the times and places were taken by the equipment and record all the times and places determined by the judges.
- 5.5.** To determine the official placing in heat, the time given by the automatic equipment is considered official. If the equipment is defective, the swimmers' official times are determined by manual timing. In this case, the protocol must note 'manual'.
- 5.6.** The relative order of all the swimmers whose placing has been determined by the equipment remains unchanged. If the equipment gives the time of a swimmer but fails to give his relative placing, the latter is determined by comparing the swimmer's time with the other swimmers' times taken by the equipment. If the equipment does not give the time and the placing, this is determined by the judges' decision.
- 5.7.** To determine the relative order of arrival of all the heats of competition, the relative order of the times taken by the equipment is used. If more than one swimmer finishes equally placed according to the official times taken by the equipment, they are equally placed in the order of arrival of that competition. The placing of a swimmer, whose time is manually taken, is determined by comparing his time with the manual time of all swimmers in that competition.

If more than one swimmer finishes equally placed according to their official manual times, they are equally placed in the relative order of arrival of that competition. The relative placing of their heats is respected.

- 5.8.** Timekeeping with electronic starting blocks: Before each competition, tests are performed to determine the time at relay changes (10/100 second). After the relays, the Chief Judge will examine the validity of the relay changes according to this protocol.
- 5.9.** The hierarchy between timekeeping systems and classification is as such:
- 5.9.1.** The hierarchy between timekeeping systems and classification is as such:
- a) electronic timekeeping system with touchpads (fully automatic)
 - b) electronic timekeeping system judge-operated (semiautomatic)
 - c) digital watches (if there are three of them per lane)
 - d) classification by finishing-judges
- 5.9.2.** The results of the automatic electronic timekeeping have absolute priority. If the electronic timekeeping does not function in automatic mode, the semi-automatically obtained results are retained.

- 5.9.3.** If there is no electronic timekeeping, the timekeepers' results are used for the classification (rather than the order given by the finishing judges), provided three digital stopwatches are used per lane.
- 5.9.4.** If there are fewer than three digital stopwatches per lane, the decision of the finishing judges determines the classification. In this case, and if the time measured by the timekeepers does not correspond to the decision of the finishing judges and the time of the second swimmer is better than the time of the first, the arithmetic mean of the two times is attributed to both swimmers.

6. CHARACTERISTICS OF THE AUTOMATIC TIMEKEEPING SYSTEM

6.1. THE EQUIPMENT MUST COMPLY WITH THE FOLLOWING RULES:

- a) The starter must start it.
- b) No wires must be seen on the poolside, if possible.
- c) It must allow the visualisation of information for each swimming lane, ordered by lane and place.
- d) It must allow easy reading of the swimmers' times.

6.2. EQUIPMENT FOR THE DEPARTURE

- a) The starter must have at his disposal a microphone for verbal orders.
- b) If an airgun is used for the start, it must have a transducer.
- c) Both the microphone and the transducer must be connected to a loudspeaker to each starting block, making possible for each swimmer to hear equally and simultaneously the orders and the starting signal given by the starter.

6.3. THE ELECTRONIC PAD FOR THE AUTOMATIC EQUIPMENT.

- a) The minimum dimensions of the electronic pads must be 2,4 meters in width and 0,9 meters high, and their maximum thickness must be not more than 0,01 meters. They must extend 0,3 meters above and 0,6 meters below the surface of the water. The equipment in each lane must be independently connected, permitting individual control. The pad surface must be coloured and must bear the markings of the extremity walls.
USA specification (look at point 4.1): The minimum dimensions of the electronic pads must be 1.981 meters in width and 0,559 meters high, and their maximum thickness must be not more than 0,01 meters. The equipment in each lane must be independently connected, permitting individual control. The pad surface must be coloured and must bear the markings of the extremity walls
- b) The finishing pad should be installed in a fixed position in the centre of the lane. The pads may be portable, allowing the pool operator to remove them when there is no competition.
- c) The pad's sensitivity should be such that it can be activated by a light hand touch but not by water turbulence. The pads must be sensitive at the upper edge.
- d) The marking on the pads should conform and fit with the existing marking of the pool. A black border of 0,025 meters should exist and mark the pads perimeter and edges.
- e) The pad should preclude the possibility of electrical shocks and should have no sharp edges.

6.4. With semiautomatic equipment, the finish should be recorded by push buttons activated by the timekeepers at the finishing touch of the swimmer.

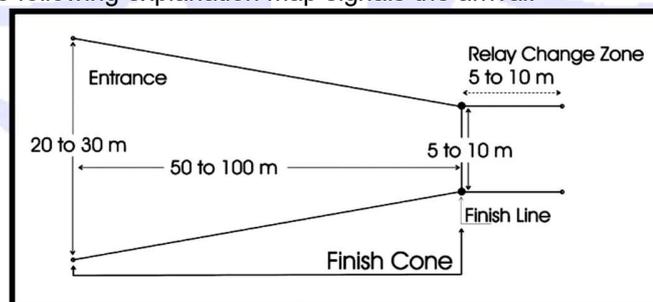
6.5. The following accessories are obligatory for a minimum installation of automatic equipment:

- a) printout of all information that can be reproduced during a run
- b) spectator scoreboard
- c) estimation of the relay to 1/100 seconds (electronic starting blocks being present)
- d) automatic lap counter
- e) readout of splits (intermediate times)
- f) computer summaries
- g) correction of incorrect touch
- h) automatic rechargeable battery operation possibility

6.6. There must be a control centre, with a wide-open view on the finishing wall during all the competitions. The Chief Judge must have easy access to this control centre. At all times, the safety of the control centre must be maintained.

7. OPEN WATER FIELD

- 7.1. Finswimming in open water must be defined as any competition that takes place in rivers, lakes or sea.
- 7.2. The distance must be chosen in waters with low currents and tides. The water can be either fresh or salty.
- 7.3. During the competition, need security boats, not less than one (1) boat every ten (10) swimmers.
- 7.4. The water temperature is 14 Celsius minima to swim without a neoprene swimming suit. It is verified the day of the competition, two hours before the start, in the middle of the distance at a depth of 0,40 meters. If the temperature is lower than 14 Celsius, swimmers must wear a neoprene swimming suit during the competition.
- 7.5. A certificate from the competent local authorities for hygiene and safety must ascertain that the site is appropriate for swimming.
- 7.6. During open water championships (continental and world), the maximum distance of a lap is 1km
- 7.7. A visible buoy must signal every turn and change of directions. In the CMAS Championship, a floatable rope or a lane longer than 15 meters must join at every "turn buoy" fixed in the same direction as the next buoy.
- 7.8. From every buoy not more than 500 meters
- 7.9. A boat or a platform signalled with, onboard, minimum a turn judge, must be placed at each turn of the run without disturbing the swimmer's view.
- 7.10. All equipment for the turns and every boat or platform of the turn judges must have a solid anchorage and must not be subject to the movement of tides, wind etc.
- 7.11. A finishing cone-like following explanation map signals the arrival:



- 7.12. When they approach the finishing line, swimmers must enter the arrival cone, complete their course inside the cone, or be disqualified. l
- 7.13. The competition field (positions of buoys, arrival cone, etc..) must be organised to oblige the athletes to pass through it on each lap in the same conditions with the point 7.12.
- 7.14. The relay area comprises the finishing cone and a special 10 meters marked zone at the exit of the cone where swimmers wait for their arriving teammates.
- 7.15. After leaving the arrival cone, the swimmers pass the relay by physical contact.
- 7.16. In the imperative necessities of security or weather reasons, the CMAS Technical Delegate can stop the race after 50% of the total distance of the event was swim. In this case, the classification when the race is stopped is the official classification.
- 7.17. If the circuit comprises several laps, the race is over in the same lap as the winner. When the first swimmer crosses the finishing line, all other swimmers end their race when they cross the line even if they are at one of several laps behind the winner. (The judges must indicate the end of the race clearly, explained in advance).
- 7.18. Only the swimmers in the same lap as the winner are classified with time. The others are classified in the order of arrival and number of laps missing.
- 7.19. For races over distances exceeding 12 km, the organiser must offer water and calorific drinks to the swimmers every 3 km (± 1 km). The swimmers may prepare their provisions and place them at the provisioning points set by the organiser. If the provisioning takes place out of a fixed platform, the swimmer may touch the platform and mount it if he wishes to change his equipment. Whenever a swimmer comes out of the water, he must restart the same spot he left the water.

8. COMPETITION PROCEDURE

8.1. SWIMMING-POOL EVENTS

8.1.1. Composition of the heats

8.1.1.1. The starting positions for all events must be decided in the following manner: the best times in competition of all registered swimmers during the last 12 months, before the deadline for entry to the competition, must be submitted on the entry form. The swimmers will be placed on a list in order of increasing time. The swimmers who do not submit their time will be considered as the slowest and will be placed at the end of the list. The placement of swimmers with identical times (of those without time) will be determined by drawing lots. The swimmers will be placed in lanes following the procedures below.

8.1.1.2. Races with time classification (direct final): The allocation of the lanes is carried out so that the fastest swimmer or the fastest team is placed in the centre lane if there is an odd number of lanes. For swimming pools with an even number of lanes, the fastest swimmer gets the lane to the right of the middle lane. The swimmer with the second fastest time is placed on his left. The other swimmers take alternate places to the right and left. The same placing procedure is applied to every subsequent heat. When 50 m (or nautical mile i.e. 1850 m) events are swam in 50 m pools the start may take place either at the starting or at the turning end.

8.1.1.3. Races with preliminary heats: Swimmers should be placed in the preliminary heats according to the entry times as follows:

- a) The organiser determines the number of heats according to the number of participants and the number of pool lanes.
- b) If there is only one heat, it must be distributed as a final and should take place only when finals are planned.
- c) If there are two heats, the fastest swimmer must be placed in the second heat, the following in the first, the following in the second, the following in the first etc. ...
- d) If there are three heats, the fastest swimmer is placed in the third heat, the following fastest swimmers in the second, the next fastest in the first. The fourth-fastest swimmers are placed in the third heat, the fifth-fastest in the second heat and the sixth fastest in the first heat, the seventh fastest in the third heat, etc.
- e) In each heat, the lanes are attributed following the procedure described in 8.1.1.2.
- f) If there are four or more heats, the last three heats of the event are seeded according to the above rules (point d.). The heats preceding the last three are seeded following 8.1.1.2.

8.1.1.4. Semi-finals and finals: When the preliminary heats have taken place, the lanes for the semi-finals and/or the final are determined based on the time obtained in the preliminary heats following the above point 8.1.1.3.c).

8.1.1.5. When a swimmer or a team does not wish to participate in a semi-final or a final (A or B), the swimmer or the team following the classification are admitted on replacement. The allocation of lanes for the semi-final or the final is computed again, and new starting lists are published.

8.1.1.6. When there are two or more heats in an event, there shall be a minimum of three swimmers seeded in any heat (but subsequent withdrawals may reduce this number to less than three).

8.1.2. Start (swimming-pool)

8.1.2.1. Prestart

- a) Swimmers must put on their caps and goggles in the waiting room so that they just have to put on their fins or Monofin once on the poolside.
- b) Coaches and accompanying persons are not allowed to circulate on the poolside, lest they be excluded from the area reserved for swimmers.
- c) Only the chief Judge can allow the coach to intervene in case of a technical problem.
- d) If a swimmer arrives later in the waiting room after that, the Chief Judge decides that the swimmers of the heat must go to the starting zone on the pool deck, he won't be authorised to access the pool deck and can't start.

8.1.2.2. Presentation of athletes before starting procedure

The procedure of the presentation of athletes is as point 11.9:

8.1.2.3. Starting procedure

- a) The starting dive must be made from a starting block.
- b) At the beginning of each event, the chief Judge must signal to the swimmers by "a series of brief whistles", take off all clothes except for the bathing suit, put on the fins or Monofin. Then, the swimmers have a maximum of one minute and fifteen seconds (**1'15"**) to get ready.
- c) An oversized watch is placed on both sides of the swimming pool to be easily visible by the swimmers.
- d) By "a long whistle", made by the Chief Judge, the swimmers take position on the starting blocks. At the long whistle of the chief Judge, the swimmers get on the starting block. If they wish, the swimmers may already stand on the starting blocks. The swimmers and the officials are ready for the start. The chief Judge gives a signal to the starter, with the arm stretched to indicate that the swimmers are under the control of the starter. Until the start is given, the arm must remain stretched.
- e) On the starter command "take your marks" (or "à vos marques" or "Preparados"), the swimmers take up immediately a starting position and standstill. The position of the hands is free. When all swimmers are stationary, the starter gives the starting signal.
- f) When one or more swimmers dive or move before the starting signal is disqualified. If the starting signal has been given before announcing any disqualification, the race continues, and the swimmers who have anticipated are disqualified at the end.
- g) If the disqualification is announced before the starting signal, then the signal must not be given, the swimmers who remain in the race are recalled, and the starter gives again the starting signal (point c and d).
- h) The decisions of the starter or the chief Judge about false starts are definitive.

8.1.3. General rules (swimming-pool)

- 8.1.3.1.** For distances above 400 meters, the judges must inform the swimmers of the last length (100 meters) left by immersing a board of bright colour of minimum dimensions 20 centimetresX30 centimetres. Suppose it is impossible, for technical reasons, to make this signal at the starting end of the pool. In that case, this must be done by the turn-judges at the turn end, when 150 meters are left in the race(information have to be communicated during the technical meeting).
- 8.1.3.2.** Swimmers who drop out of the competition must leave the water following the instructions of the judges. They must do the same when the race is over.
- 8.1.3.3.** In all races, swimmers must, at each turn, make physical contact with a part of the body or the equipment at the end of the pool. (Not the tank, 2.2.3.6)
- 8.1.3.4.** At the relay races, a team is disqualified if the feet or the fins of the following starting swimmer have already left the starting block before the arriving swimmer has touched the wall of the pool; the team isn't disqualified if the starting swimmer notices his mistake and returns to the wall and starts again. It's not necessary to climb on to the starting block.
- 8.1.3.5.** For relay races, the swimmers' names and their starting order must appear in a list submitted to the results office before starting the session. The composition of mixed relays is with two (2) males and two (2) females, and starting order is free. Any change in the fixed starting order leads to disqualification.
- 8.1.3.6.** It's possible to change the composition of the relay teams between the qualifying heats and the final.
- 8.1.3.7.** Having completed his part of the relay, the swimmer must remain in his lane (at about 1-meter distance to the electronic touchpad) until the judges instruct him to leave the pool.

8.1.4. Disqualification

- 8.1.4.1.** If a swimmer, who participated in a final, is disqualified, his position must be given to the swimmer who finished immediately after him. All swimmers classified following him in the final must be advanced by one place. If the disqualification occurs after the awards ceremony, the awards (medals and diplomas etc.) must be given back and handed over to the appropriate swimmers applying the above criteria.
- 8.1.4.2.** Any swimmer crossing his lane or who hinders another swimmer by any other means is disqualified. If this behaviour is intentional, the chief Judge must report the matter to the CMAS Technical Delegate and the swimmer's national federation.

- 8.1.4.3.** At the relay races, a team is disqualified if the feet or the fins of the following starting swimmer have already left the starting block before the arriving swimmer has touched the wall of the pool; the team isn't disqualified if the starting swimmer notices his mistake and returns to the wall and starts again. It's not necessary to climb on to the starting block.
- 8.1.4.4.** It is forbidden to exit over the electronic touchpads. If a swimmer does go out in this way, he is disqualified.
- 8.1.4.5.** It's forbidden for the swimmers, who have finished their relay, to enter the water before the end of the race (before the arrival of the last team). No strict respect for these points disqualifies the relay team.
- 8.1.4.6.** The swimmer who loses part of his equipment, fin(s), snorkel, breathing apparatus during the race (SF, AP, IM, and BF) is disqualified on arrival (except for athletes regarding point 2.4. above, Master's Competition).
- 8.1.5. withdrawal**
- 8.1.5.1.** In all competitions, a swimmer or a team not wishing to take part in the final or semi-final or swim off for which s/he had qualified must announce his/her withdrawal within 30 minutes following the announcement of the qualifying finalists. The swimmer is replaced by the swimmer or team, having qualified one place immediately behind him/her.
- 8.1.5.2.** Except for the cases covered by point 8.1.5.1. and except the withdrawal communicated during the technical meeting, for every non-participation in the heat of an event during a CMAS Championship, the federation of the absent swimmer is liable for a fine of € 100.
- 8.1.5.3.** Except for the cases covered by point 8.1.5.1., for every non-participation in a semi-final or final event during a CMAS Championship, the federation of the absent swimmer is liable for a fine of € 250.
- 8.1.6. Swim-off**
- 8.1.6.1.** If in the same event, several swimmers touch the wall simultaneously, they are awarded the same rank in the official record. This rule is equally valid for identical times at a 1/100 of a second achieved in different heats.
- 8.1.6.2.** If a decision must be taken regarding a semi-final or a final qualification, it's the best result of a decisive classification race.
- 8.1.6.3.** Such a swim-off can take place not less than one hour after the swimmers involved have completed their heat.
- 8.1.6.4.** When swimmers have identical times, but the order has been decided by the finishing Judge or by the Chief Judge, the decision on this order also determines the qualification to the finals.
- 8.1.6.5.** The swimmer who is not participating in the swim-off for the final A is automatically placed in the 9th place (given 8 lanes) and participates in final B. In the case of a swim-off for final B, the absent swimmer is automatically classified 17th. This place is kept even when there is a disqualification of a swimmer in final B.
- 8.1.7. Classification and disqualification x**
- 8.1.7.1.** If a swimmer is disqualified during or after an event, the disqualification must be recorded in the official protocol, but no time or place shall be recorded.
- 8.1.7.2.** In a final A, the swimmer is classified 8th and 16th for a final B.
- 8.1.7.3.** If there is a disqualification in a relay, the time of the first team holder must be recorded in the official protocol.
- 8.2. OPEN WATER EVENTS**
- 8.2.1.** For the starts, two possible choices to decide at the deadline of registrations and depending on the number of registrations. There are either 5 minutes difference between the two senior's and junior's starts, or races one after the other.
- 8.2.2.** All open water events start in water with enough depth that allows swimmers to swim as soon as the starting signal is given.
- 8.2.3. Starting Procedure**
- 8.2.3.1.** When the starting order is drawn by lots, the drawing must be made public by the board of judges.
- 8.2.3.2.** Swimmers must be placed on a starting line perpendicular to the swimming direction.
- 8.2.3.3.** The chief Judge announces the start "15 minutes" before it, then again "5 minutes" before it. He then signals that the competition is under the starter's orders.

- 8.2.3.4. The starter must be clearly visible to all the swimmers.
- 8.2.3.5. The starter announces the start "one minute" before, then again "30 seconds" before. At the same time, the thirty (30) seconds are signalled by an audible and visual signal (rising of the flag).
- 8.2.3.6. The counting of the last ten seconds is strictly forbidden. The starter gives the starting signal directly.
- 8.2.3.7. The starting signal must be both audible and visible (lowering the flag).
- 8.2.4. During Finswimming competitions in open water, security and escort boats must be kept outside the area reserved for the competition not to obstruct swimmers.
- 8.2.5. For the relay races, the swimmers' names and their starting order must appear in a list submitted to the Chief Judge by the team leader while he receives the numbers of the swimmers.

9. BOARD OF JUDGES AND COMPETITION MANagements

9.1. CMAS TECHNICAL DELEGATE

Look at Chapter BODIES OF CONTROL DURING THE COMPETITION of procedures and obligations.

9.2. THE BOARD OF JUDGES

The organisers set it up. It is entirely responsible for the preparation and staging of the event. Its composition depends on the nature of the competition. In the pool events, the panel sets up as follows:

- one chief judge
- one chief secretary
- one starter
- one prestart Judge
- one chief timekeeper
- one (if electronic timekeeping fully automatic) to three timekeepers per lane
- two finish judges
- two style judges
- two to eight turning judges (the turning judges are obligatory **eight** if 4x50 relay is in a program of competition)
- one speaker
- one Master of ceremonies
- one doctor.

9.2.1. The Chief Judge

He has complete control and authority over all officials. He must approve their assignment and give them the instruction about the particular rules of the championship. He is responsible for the technical conditions of the competition and for ensuring compliance with the prevailing safety regulations. His rights and duties are the following:

- a) He has the duty to check the entry forms and the starting order
- b) He has the duty to enforce CMAS regulations and decisions and resolve all matters about the actual organisation of the competition when the rules do not provide another solution.
- c) He decides the place of all judges for the perfect staging of the event. He may at any time replace a judge if the original Judge does not correctly fulfil or is incapable of fulfilling his tasks or is absent. He can nominate additional judges if he values it necessary
- d) The chief Judge authorises the starter to proceed with the start. Beforehand he must make sure that all members of the board of judges are ready
- e) Independently from the starter, he can decide whether there has been a false start or not
- f) He must make sure that the equipment and apparatus necessary for the staging of the event is available in good time
- g) During competitions in open water, he is responsible for accurate positioning of the course according to the plans published in the bylaws for these competitions
- h) He decides the deployment of boats, the security and radio communication
- i) The organiser must put enough assistants at his disposal to fulfil his tasks without any difficulties.
- j) The Chief Judge shall disqualify any swimmer for any violation of the rules that he personally observes. The Chief Judge may also disqualify any swimmer for any violation

reported to him by other authorised officials. All disqualifications are subject to the decision of the Chief Judge.

- k) At the end of the event, after a quick consultation of other judges, he gives validation of the results to the chief secretary of the timekeeping manager. After this validation, the results are considered as official.
- l) He is responsible for appointing the finalists, semi-finalists and publication of the results (with his signature and time as validation).

9.2.2. The Chief secretary

- a) He prepares all administrative material and the documentation needed for the competitions
- b) He appoints the deputy secretaries and directs their work
- c) He must control the withdrawal after the heats or finals
- d) He is responsible for handing the timekeeper's forms to the poolside secretary
- e) He supervises the work of drafting minutes of the technical committee meetings.
- f) He prepares the final protocol of the competitions after they have ended
- g) With the authorisation of the Chief Judge, he gives information on the competitions to the press if there is no particular press office.
- h) He is responsible for verifying the competition results given by the computer or the times and classification given by the Chief Judge.
- i) He verifies the results and ratifies new records, and inserts them into the protocol
- j) He must make sure that the decisions of the finishing Judge and the Chief Judge are inscribed in the official protocol
- k) He coordinates the electronic timekeeping which qualified technicians operate
- l) He controls the official protocol, writes time at the bottom if no printing, signs it and passes it on to get the signature by the Chief Judge
- m) He transmits to the speaker the results concerning finals and awards ceremonies
- n) The chief of the result office must give the official protocol and the results to the secretary only after approval by the Chief Judge. The results have to be posted on the information's panel of the competition immediately after signatures.

9.2.3. The starter

- a) He has complete authority over the swimmers from the moment the chief Judge has handed over the control of the race to him and until the start of the race
- b) The starter must indicate to the chief Judge any swimmer who delays the start and refuses to respect an order or behave correctly during the starting procedure. Only the chief Judge can disqualify this swimmer for unsporting behaviours. This kind of disqualification cannot be considered a false start
- c) He has the right to decide whether the start is correct or not, provided that the Chief Judge agrees.
- d) The starter can anticipate the start when he judges that a swimmer exaggeratedly delays taking up his starting position
- e) The position of the starter when he gives the starting signal must be on the side of the pool about five meters from the extremity walls. The timekeepers and all participants should be able to hear him clearly
- f) He coordinates the evacuation of the pool at the end of each event.

9.2.4. The prestart Judge

- a) He must call the participants in due time for each of the events
- b) He must signal to the chief Judge all violations noticed that is related to the announcement and absence of the called swimmer
- c) He must check if the equipment complies with the rules and if the participants are ready to start
- d) . He leads the swimmers to the starting point. Assistants may perform this task.

9.2.5. The chief of timekeepers

- a) He assigns the lanes to the timekeepers. They are responsible for substituting the timekeepers whose stopwatch failed during the event or who, for any reason, cannot measure the time.

- b) Together with the timekeepers, the chief timekeeper checks and approves the reliability of the stopwatches in use.
- c) He receives, from all timekeepers, the timing cards, checks the entries and stopwatches if necessary.
- d) He records and checks the official time of the timing card for each swimmer.
- e) He supervises the activity of each timekeeper and takes control of times himself. He passes on the times recorded for each swimmer to the poolside secretary.

9.2.6. The timekeepers

- a) They record the times of the swimmers for whom they are responsible. They use stopwatches approved by the chief timekeeper or chief Judge
- b) At the signal for the start, the timekeepers start their stopwatches and stop them when the swimmer has touched the finishing pad. Immediately after the event, they must write the time displayed by their stopwatches on the timing card, which they hand over to the chief timekeeper. At the same time, they show their stopwatches for control
- c) They must not reset their stopwatches to zero before the chief timekeeper or chief Judge tells them "stopwatches to zero."
- d) They are responsible for the recording of the intermediate times in races of more than 100 meters distance
- e) Their task is also to check that the turns and the finish area under the regulation.
- f) They supervise the relay procedure

9.2.7. The finish judges

- a) There are two or more finishing judges
- b) They are positioned on each side of the pool directly over the finishing line from where they can have at all times a good view of the swimming lane and the finishing line
- c) They establish the classification of the swimmers, and they hand it over directly to the results office
- d) They are not allowed to be timekeepers in the same event
- e) The finishing judges' decisions take precedence over the classification given by the manual stopwatches only if there are fewer than three digital stopwatches per lane. They cannot be appealed if they are unanimous. If the arrival judges' decisions are not unanimous, the chief Judge decides on the placing. The protocol must then bear the mention 'CJD' (chief judge decision) next to the time.

9.2.8. The swimming-style judges

- a) There are two swimming-style judges (swimming pool) and more for the open Water competition
- b) They are positioned one for each side of the pool
- c) They must check that the rules for swimming style are observed
- d) They must check if the swimmers respect the 15 m zone after the start and after each turn beyond which immersion is prohibited
- e) Assistants may perform this control
- f) They must report all violations on their cards, sign them, specify the event, the number of the lane, and the specific infraction. These cards are immediately handed to the Chief Judge.

9.2.9. The turning judges

- a) They are nominated for each lane by the chief Judge
- b) They must check whether the swimmer has carried out his turn according to the rules
- c) In individual events of 800 and 1500 meters, each turning Judge at the extremity of the pool may be told to inform the swimmers on the last 150 meters (§ 8.1.3.1).
- d) They must report all violations on their cards, sign them, specify the event, the number of the lane, and the specific infraction. These cards are immediately handed to the Chief Judge.
- e) They supervise the relay procedure for 4x50.

9.2.10. The speaker

- a) He has the task to call the swimmers and teams and to introduce them to the spectators
- b) He must announce the results if there is no spectator scoreboard
- c) He must give information about the competition to make the event exciting, and he must also announce new records
- d) He is responsible for the announcement of all disqualifications.

9.2.11. The Master of ceremonies

- a) The Master of ceremonies prepares beforehand the medals, flowers and other awards
- b) He is in charge of the arrangements of the awards podium, the national anthems, the ceremonies and the flags and organises the ceremony for the medal's presentation
- c) He calls and gathers the swimmers, the officials, and the medals' carriers in the appropriate order for the protocol ceremony.

9.2.12. The doctor

- a) He's a member of the board of judges.
- b) He ensures the supervision of the medical control. The presence of at least one doctor at all Finswimming events is compulsory
- c) He's responsible for all sanitary, hygienic and medical questions (helps in case of danger, assists with preparing the time plans, menus, the sanitary control of accommodations, control of the medical health certificates, doping tests, etc.)
- d) Before each competition, he must check the functioning of the necessary medical equipment.
- e) A medical control can be carried out at any time during the competition.

9.3. JUDGES' DECISION MAKING:

Judges shall decide autonomously and independently of each other unless otherwise provided in the CMAS Finswimming Rules.

9.4. COMPETITION MANAGEMENT**9.4.1. Competition Director**

- a) Named from the Organizing Committee.
- b) He represents the competition organising committee.
- c) He's responsible for organising and logistic matter during the competition.
- d) He strictly works with the Chief Judge and the CMAS Technical Delegate

10. FINSWIMMING RECORDS**10.1. GENERALITIES CONCERNING HOMOLOGATION OF RECORDS**

Records are homologated by and only by CMAS under the following conditions.

10.1.1. The length of the pool must be 50 meters, ratified and confirmed by the national federation.

10.1.2. Electronic Automatic Officiating Equipment must report times at 1/100 second. The print of the Electronic time has to be joined.

10.1.3. Applications for Records must be made on the CMAS official forms (see the appendix) by the responsible authority of the organising or management committee of the competition. They must be signed by the Chief Judge, certifying that all regulations have been observed.

10.1.4. Exaequo

Times equal to 1/100 of the second are ratified as equal records, and the swimmers are achieving these equal times are called "Joint Holders". In case of a tie in the first place in a record-setting race (qualification heat), each swimmer who tied shall be considered a winner.

10.1.5. USA specification (look at point 4.1)

Except for national records (responsibility of National Federation) and American records in conditions that the records won't be under the World records, no types of records can't be certified when a competition is held in a swimming pool with USA certification.

10.2. DISCIPLINES, CATEGORIES AND DISTANCES

CMAS recognises up today the following records for these disciplines

10.2.1. Types of records

- Mono-fin in the swimming pool
- Bi-fin in the swimming pool.

10.2.2. Categories

Records will be homologated in the following categories

- All Master's categories. Records are homologated in the **related** category of the athlete **only for the distances registered in the CMAS Championships**. Establish a record in a higher category is not possible regarding point 2.1.7.1.
- Senior Ladies
- Senior Men
- Junior Ladies
- Junior Men

10.2.3. CMAS recognises and homologates the following records only

- World records
- Continental records
- World championships records
- Continental championships records
- Records of the games
- World Games records
- University Record

10.2.4. Surface Finswimming (SF)

- 50 m
- 100 m
- 200 m
- 400 m
- 800 m
- 1500 m

10.2.5. Relays

- 4x50m
- 4 x 100 m
- 4 x 200 m

10.2.6. Apnoea Finswimming (AP)

- 50 m

10.2.7. Immersion Finswimming (IM)

- 100 m
- 400 m
- 800 m

10.2.8. Bi-Fins (BF)

- 50 m
- 100 m
- 200 m
- 400 m

10.3. PARTICULAR RULES FOR RELAYS AND INTERMEDIATE DISTANCES**10.3.1. Relay**

The members of a relay team must be of the same nationality.

Should the first swimmer in a relay team complete his distance in record time under the provisions of this subsection, his performance shall not be nullified by any subsequent disqualification of his relay team for violations occurring after his distance has been completed

10.3.2. Intermediate distances

If the first swimmer of a relay breaks a World or Continental Record of the 50 m, 100 m or 200 m Surface, this performance is managed as a new record.

10.4. HOMOLOGATION OF RECORD OBTAINED DURING A CMAS CHAMPIONSHIP, WORLD GAMES, UNIVERSITY COMPETITION, OR WORLD CUP ROUND INCLUDED IN CMAS CALENDAR

Provided that

- 10.4.1.** homologation form (Related appendix) duly filled and signed by the CMAS technical delegate has been handed, in time to whom it may concern
- 10.4.2.** no claim has been submitted in time fixed by rules of the discipline
- 10.4.3.** the electronic proof of time, the distance or points of the performance are enclosed
- 10.4.4. Precision for doping control:** For each CMAS championship and world cup, schedule of controls according to WADA anti-doping code and CMAS anti-doping and annual programme defined with ITA and not obligatory in case of a new record.

10.5. HOMOLOGATION OF RECORD OBTAINED DURING A COMPETITION INCLUDED IN CMAS CALENDAR

Provided that

- 10.5.1.** homologation form duly filled and signed by the official Judge of the competition has been handed, in time to whom it may concern
- 10.5.2.** the athlete has been truly submitted to an anti-doping test
- 10.5.3.** no claim has been submitted in time fixed by rules of the discipline
- 10.5.4.** the electronic proof of time, the distance or points of the performance are enclosed.

this record is ipso facto validated and homologated upon receipt of the test of negativity of the anti-doping test

10.6. HOMOLOGATION OF RECORD OBTAINED IN COMPETITIONS OR CHAMPIONSHIP NOT INCLUDED IN CMAS CALENDAR

Provided that

- 10.6.1.** National records are up to national federations, but they cannot substitute a CMAS record if the following has not been sent to CMAS
- 10.6.2.** Homologation form duly filled and signed by the Chairman of the national federation managing the discipline.
- 10.6.3.** the athlete has been truly submitted to an anti-doping test
- 10.6.4.** no claim has been submitted in time fixed by rules of the discipline
- 10.6.5.** the electronic proof of time, the distance or points of the performance are enclosed
- 10.6.6.** this record is ipso facto validated and homologated upon receipt of the test of negativity of the anti-doping test

10.7. OUT OF COMPETITION OR CHAMPIONSHIPS RECORDS

10.7.1. Individual race against time

10.7.2. In this case, the tentative has to be held in public, announced publicly by advertisement at least three days before the attempt is to be made

10.7.3. A request for ratification of a Record must be sent as a provisional procedure by fax or e-mail to CMAS headquarters within 7 days following the performance

10.7.4. On receipt of the official application, and upon satisfaction that the information contained in the application is accurate, the General Secretary of CMAS shall inform President of Finswimming Commission and declare the new Record, see that such information is published, and see that certificates are provided to those persons whose applications have been accepted.

10.7.5. If CMAS accepts the ratification of a Record, a diploma signed by the President of CMAS and the Director of the Finswimming Commission is sent to the swimmer.

10.8. WORLD CHAMPIONSHIPS RECORDS / CONTINENTAL CHAMPIONSHIPS RECORDS / WORLD GAMES RECORDS

If the best time registered in the past events is broken during these events, this time is registered as a new record of the event as long as the requisites written in these rules are encountered.

10.9. NATIONAL RECORDS.

The national records are recognised by CMAS as long as they are officially communicated to CMAS by the federation and as long as the time of the record is not less than the CMAS World and/or Continental record.

10.10. MISCELLANEOUS

10.10.1. Only one record can be registered by calendar date.

10.10.2. The championships results for which an electronic control of the time of distance or points cannot be carried out and all other competitions are considered «**Best performance**».

11. APPENDIX CMAS FINSWIMMING RULES

11.1. STARTING SETTING

11.1.1. Direct Final (8.1.1.2.): Allocation of lanes for in a swimming pool with 8 lanes. All participants are divided into 8 swimmers and allocated like the following table (1=fastest entry time, 2= second entry time, 3= third entry time ... and so on).

| Lane | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------------|-----|-----|----|----|----|----|-----|-----|
| ...and so on | ... | ... | 27 | 25 | 26 | 28 | ... | ... |
| Last heat - 2 | 23 | 21 | 19 | 17 | 18 | 20 | 22 | 24 |
| Last heat - 1 | 15 | 13 | 11 | 9 | 10 | 12 | 14 | 16 |
| Last heat | 7 | 5 | 3 | 1 | 2 | 4 | 6 | 8 |

11.1.2. Qualification Heats (8.1.1.3.): Allocation of lanes for in a swimming pool with 8 lanes for 36 participants. For the last three heats, the swimmers are allocated like the following table.

For the previous heats, allocation of lanes are same as 11.1.1.

| Lane | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------------|-----|----|----|----|----|----|-----|-----|
| Last heat - 4 | ... | 37 | 35 | 33 | 34 | 36 | ... | ... |
| Last heat - 3 | 31 | 29 | 27 | 25 | 26 | 28 | 30 | 32 |
| Last heat - 2 | 21 | 15 | 9 | 3 | 6 | 12 | 18 | 24 |
| Last heat - 1 | 20 | 14 | 8 | 2 | 5 | 11 | 17 | 23 |
| Last heat | 19 | 13 | 7 | 1 | 4 | 10 | 16 | 22 |

11.2. MODEL OF TEMPLATE FOR MEASURING THE MONOFIN



11.3. ALL CMAS OFFICIAL FORMS ARE AVAILABLE IN THE "CMAS PROCEDURES AND OBLIGATIONS" DOCUMENTS.

11.4. INTERNET:

<http://www.cmas.org/comspo/nap/>

11.5. ANTIDOPING:

<http://www.cmas.org/sport/anti-doping>, cmas.dopingfree@sportaccord.com

Anti-doping section on the CMAS website and a dedicated e-mail address for all CMAS anti-doping matters, information and administration, managed by the DFSU.

11.6. BI FINS CERTIFIED

Appendix 1 concerning point 2.5.2

11.7. SWIMSUITS

Appendix 2 concerning point 2.5.3.5.

11.8. WORLD GAMES

Appendix 3 concerning point 3.7.2.

11.9. Monofins certification

Appendix 4 concerning point 2.5.1.3

11.10. The operational organisation of 4x150m Multiple Relay

Appendix 5 concerning point 3.4.4.1

11.11. PRESENTATION OF ATHLETES BEFORE STARTING PROCEDURE

For point 8.1.2.2, the procedure of the presentation of athletes is as follows:

- a) Heats
 - When swimmers arrive on the pool deck, they sit down on the corresponding chair and wait for the presentation by the speaker of each swimmer. The swimmer must stand up, sign with a hand when his name is calling by the speaker, and sit down again after waiting for the chief Judge's signal.
 - During CMAS championships and World Cup, it's possible to pass this step and directly begin the starting procedure. In this case, this information is given during the technical meeting.
- b) Finale
 - For the finales during CMAS Championships, the speaker announces the swimmers who stay in the prestart room one by one. The presentation order is by the lane number (alternative descending based on times realised during the heats, from the 8th time to the athlete who realised the best time).
 - The swimmer goes one by one to the pool deck when his name is announced.
 - When the swimmer arrives on the pool deck, he sits down on the corresponding chair, waits for the end of the presentation and the chief Judge's signal.

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