

## **VII. Artistic Swimming Rules**

- 1. GENERAL**
- 2. COMPETITIONS**
- 3. ELIGIBILITY**
- 4. SESSIONS**
- 5. PROGRAMS**
- 6. ENTRIES**
- 7. PRELIMINARIES AND FINALS**
- 8. FIGURE SESSIONS**
- 9. FIGURE PANELS**
- 10. JUDGEMENT OF FIGURES**
- 11. PENALTIES IN FIGURE SESSION**
- 12. CALCULATION OF THE FIGURE RESULT**
- 13. ROUTINE SESSIONS**
- 14. TIME LIMITS FOR ROUTINES**
- 15. MUSIC ACCOMPANIMENTS**
- 16. ROUTINE PANELS**
- 17. JUDGEMENT OF ROUTINES**
- 18. DEDUCTION, PENALTIES AND OTHER MATTERS IN ROUTINES**
- 19. CALCULATION OF THE ROUTINE RESULTS**
- 20. FINAL RESULT**
- 21. OFFICIALS AND DUTIES**
- 22. REFEREE**
- 23. OTHER OFFICIALS**
- 24. DUTIES OF ORGANIZER**
- 25. AGE GROUP RULES**
- 26. SWIMWEAR AND WEARABLES**
- 27. ARTISTIC SWIMMING FACILITIES AND EQUIPMENT**
- 28. APPENDICES**

**1. GENERAL**

All international Artistic Swimming competitions shall be held under World Aquatics Competition Regulations.

**2. COMPETITIONS**

**2.1 Events**

The events of Artistic Swimming are Female Solo, Men Solo, Female Duet, Mixed Duet, Team, Free Combination and Acrobatic Routine.

**2.1 World Aquatics Championships and Olympic Games Events**

**2.1.1 Olympic Games**

Women

Duet Technical Routine

Duet Free Routine

Open

Team Technical Routine

Team Free Routine

Team Acrobatic Routine

**2.1.2 World Aquatics Championships**

**2.2.2.1 Artistic Swimming - World Aquatics Championships**

Women

Solo Technical Routine

Solo Free Routine

Duet Technical Routine

Duet Free Routine

Men

Solo Technical Routine

Solo Free Routine

Open

Team Technical Routine

Team Free Routine

Team Acrobatic Routine

Free Combination

Mixed

Mixed Duet Technical Routine

Mixed Duet Free Routine

## **2.3 World Aquatics Junior Artistic Swimming Championships**

### **2.3.1 Sessions**

The Sessions for World Aquatics Junior Artistic Swimming Championships will consist of:

Solo Technical, Solo Free, Duet Technical, Duet Free, Mixed Duet Technical, Mixed Duet Free, Team Technical, Team Free and Acrobatic.

### **2.3.2 Routines**

Routines will have preliminary sessions in Technical and Free Routines. All sessions will hold preliminaries in each event and the twelve best routines in each event will move to finals.

**2.3.3** All other rules and penalties that apply to World Aquatics Artistic Swimming Championships apply to World Aquatics Junior Artistic Swimming Championships unless otherwise stated.

## **3. ELIGIBILITY**

Athletes in Artistic Swimming younger than fifteen (15) years of age (on December 31<sup>st</sup> on the year of the competition) shall not be permitted to compete at the Olympic Games, World Aquatics Championships and Artistic Swimming World Cup.

## **4. SESSIONS**

### **4.1 Figures**

Each athlete in Women Solo, Men Solo, Women Duet, Mixed Duet, and Team must perform four (4) or two (2) figures, according to the age group category, as described in the Appendix I of these rules.

Each athlete in Free Combination may perform figures as described in Appendix I of these rules.

The Age Group Figures will be selected by the TASC every four (4) years, subject to approval by the World Aquatics Bureau.

### **4.2 Technical Routine: Preliminaries / Finals**

The Technical Team Routine has four (4) to eight (8) athletes (for the exceptions see Rule VII.6.2). In the Technical Routine each Women Solo, Men

Solo, Women Duet, Mixed Duet, and Team must perform the Technical Required Elements described in Appendix II of these rules, a predetermined number of Free Elements (Hybrids and Acrobatics), and a free choice of Transitions (see Appendix III of these rules).

The Technical Required Elements and the number of Free Elements for each event are selected by the TASC every four (4) years, subject to approval by the World Aquatics Bureau.

The Routines are choreographed to music.

#### **4.3 Free Routine: Preliminaries / Finals**

The Free Team Routine has four (4) to eight (8) athletes (for the exceptions see Rule VII.6.2). Each Free Women Solo, Men Solo, Women Duet, Mixed Duet, and Team Routine will consist of a predetermined number of Free Elements (Hybrids and Acrobatics) and a free choice of Transitions (see Appendix III of these rules).

The number of Free Elements for each event will be selected by the World Aquatics every four (4) years, subject to approval by the World Aquatics Bureau.

The routines are choreographed to music.

#### **4.4 Free Combination: Preliminary / Final**

The Free Combination has four (4) to ten (10) athletes who make a combination of routines.

The Free Combination has a predetermined number of Technical Required Elements and Free Elements (see Appendix 3 of these Rules).

The Routines are choreographed to music.

#### **4.5 Acrobatic Routine: Preliminary / Final**

The Acrobatic Routine has four (4) to eight (8) athletes performing a predetermined number of Acrobatic Elements as described in Appendix 3 of these rules.

The Routines are choreographed to music.

## **5. PROGRAMS**

### **5.1 For Olympic Games**

Female Duet Technical and Duet Free routines, Team Technical, Free and Acrobatic routines.

### **5.2 For World Championships**

Technical Routine Preliminary, Technical Routine Final, Free Routine Preliminary, Acrobatic Routine Preliminary, Free Routine Finals and Acrobatic Routine Final. (Time limits as listed in VII. 14).

### **5.3 For Artistic Swimming World Cup**

Technical Routines, Free Routines, Acrobatic Routines. (Time limits as listed in VII.14), direct finals.

### **5.4 For World Aquatics Junior Artistic Swimming Championships**

Technical Routine Preliminary, Technical Routine Final, Free Routine Preliminary, Acrobatic Routine Preliminary, Free Routine Final and Acrobatic Routine Final. (Time limits as listed in VII.14). The final order of sessions shall be determined by World Aquatics and the Organizing Committee.)

### **5.5 For World Aquatics Youth Artistic Swimming Championships**

Figures and Free Routines in this order: Free Routine Preliminary, Free Combination Preliminary, Figures, Free Routine Final and Free Combination Final (Time limits as listed in ASAG 5). The final order of sessions shall be determined by World Aquatics and the Organizing Committee.

### **5.6 For all other international competitions**

The programme may be any combination of VII.4.1 – VII.4.3 so that the Free Routine is included. The Free Combination is for Youth and 12 & under. The Acrobatic Routine is for Senior and Junior.

## **6. ENTRIES**

**6.1** For World Aquatics competitions, each Member Federation shall be entitled to enter one Female Solo, one Male Solo, one Female Duet, one Mixed Duet, one Team Technical, one Team Free, one Free Combination or one Acrobatic Routine (unless otherwise specified).

**6.1.1** In World Aquatics Championships, each Member Federation shall be entitled to enter one Technical Solo, one Free Solo, one Technical Male Solo, one Free Male Solo, one Technical Duet, one Free Duet, one Technical Mixed

Duet, one Free Mixed Duet, one Technical Team, one Free Team and one Acrobatic Routine.

6.1.2 In World Aquatics Junior Artistic Swimming Championships each Member Federation shall be entitled to enter one Technical Solo, one Free Solo, one Technical Male Solo, one Free Male Solo, one Technical Duet, one Free Duet, one Technical Mixed Duet, one Free Mixed Duet, one Technical Team, one Free Team and one Acrobatic Routine.

6.1.3 In World Aquatics Youth Artistic Swimming Championships and World Aquatics competitions each Member Federation shall be entitled to enter one Solo, one Male Solo, one Duet, one Mixed Duet, one Team and one Free Combination (unless otherwise specified).

6.1.4 In the Artistic Swimming World Cup, more than one Female Solo, more than one Male Solo, more than one Female Duet, more than one Mixed Duet, more than one Team, and more than one Acrobatic Routine shall be allowed in accordance with the current edition of the Artistic Swimming World Cup Rules and Regulations.

6.1.5 No changes to the entries will be accepted after the GMS sport entries deadline unless on medical grounds. A medical report must be sent to the World Aquatics Office and will be reviewed for approval by the World Aquatics Sports Medicine Committee. A 500.- USD fine will be applied for any non- medical changes after the deadline.

## **6.2 Team, Free Combination and Acrobatic Routines:**

6.2.1 For Olympic Games, Team routines shall consist of eight (8) athletes. The total number of athletes entered by each Federation (unless otherwise specified) may not exceed nine (9) athletes one as reserve. The total number of athletes may include a maximum of two (2) male athletes.

6.2.2 For World Aquatics Championships and World Aquatics Junior Artistic Swimming Championships, team routines shall consist of four (4) to eight (8) athletes and a maximum of two (2) reserves. The total number of athletes may include a maximum of two (2) male athletes.

6.2.3 For World Aquatics Youth Artistic Swimming Championships, Team routines shall consist of at least four (4) but not more than eight (8) and Free Routine Combination shall consist of at least four (4) but not more than ten (10) athletes. The total number of athletes may include a maximum of two (2) male athletes and a maximum of two (2) reserves.

6.3 Entry forms with completed Coach Cards of declared difficulty for each event entered and Music Information sheets must be submitted to the relevant

system and/or platform at least fourteen (14) days prior to the start of the competition. After this date, changes in sport entries will only be accepted on medical grounds. Coach Cards can only be modified between events within four (4) hours of the publication of the preliminaries results. The change is limited to one (1) element. In the case of direct finals, the Coaches Card may be changed within four (4) hours of the publication of the results of the Technical, Free or Acrobatic Routine results.

**6.3.1** The entry shall designate the name of the Female Solo and the reserve, the name of the Male Solo and the reserve, the names of the Female Duet athletes and maximum of one reserve, the names of the Mixed Duet athletes and maximum of two reserves, the names of Team athletes and maximum of two reserves, the names of the athletes in Free Combination and maximum of two reserves and/or the names of the athletes in Acrobatic Routine and maximum of two reserves.

For World Aquatics Championships: The maximum quota is fourteen (14). The name of the Technical Female Solo and the reserve, the name of the Free Solo and the reserve, the name of the Technical Male Solo and the reserve, the name of the Free Male Solo and the reserve the names of the Technical Female Duet athletes and maximum of one reserve, the names of the Free Female Duet athletes and maximum of one reserve, the names of the Technical Mixed Duet athletes and maximum of two reserves, the names of the Free Mixed Duet athletes and maximum of two reserves, the names of the Technical Team athletes and maximum of two reserves, the names of the Free Team athletes and maximum of two reserves, and the names of the athletes in the Acrobatic Routine and maximum of two reserves.

For World Aquatics Artistic Swimming World Cup please see its rules and regulations.

## **7. PRELIMINARIES AND FINALS**

- 7.1 If there are more than twelve (12) entries in any Technical or Free Routine, Free Combination, or Acrobatic Routine, preliminaries shall be held. Only the twelve (12) best results shall be allowed in the official finals.
- 7.2 If there are less than thirteen (13) entries in any Technical & Free Routine, Free Combination, or Acrobatic Routine, preliminaries may be held.
- 7.3 This information must be included on the information bulletin (see VII.24.3.7).

## **8. FIGURE SESSIONS**

- 8.1 Only one Figure session shall be held.
- 8.2 Athletes in competitions other than World Youth Championships, World Aquatics competitions and continental Championships may, by mutual consent, choose from the Age Group figures (see Appendix 1) for the level of

ability of the athletes entered in the competition.

### **8.3 For the Figure session:**

In the 12 and Under-age category each athlete in Female Solo, Male Solo, Female Duet, Mixed Duet, and Team must perform four (4) figures: the two (2) compulsory figures and one (1) group of two (2) figures drawn from the list as described in Appendix I of these rules. Each athlete in 12 and Under Free Combination may perform four (4) figures selected by the above-described procedure.

In the Youth category each athlete in Female Solo, Male Solo, Female Duet, Mixed Duet, and Team must perform a group of two (2) figures from the Section (A, B or C) of figures drawn from the list described in the Appendix I of these rules. Each athlete in Youth Free Combination may perform the two (2) figures selected by the above-described procedure.

**8.3.1** Figure section and groups from the World Aquatics Figures 2022-2025 in Appendix I shall be drawn by the Referee/TASC.

**8.3.2** The draws shall be made eighteen (18) to seventy-two (72) hours before the start of the Figure session.

**8.3.3** The draw shall be public. Place and time shall be announced at least twenty-four (24) hours in advance. Draws can be done over a social media platform.

**8.4** In the 12 and Under- category the order of appearance and the figures to be performed by each athlete shall be decided by lot. The Optional group shall be drawn first, then the order of appearance shall be drawn.

In the Youth category, the Figure section (A, B or C) shall be drawn first, then the order of appearance shall be drawn. The order of appearance draw list will be divided into two equal groups - 1 and 2 (if numbers are not equal, group 1 will have 1 extra athlete). Then one of the two figure groups of the drawn section will be assigned by lot to each athlete group (1 and 2). For example, if Section B is drawn, athlete group 1 may have group 4 drawn, and athlete group 2 may have group 3 drawn.

**8.4.1** : Each group will have a separate ranking. The two rankings will not be combined.

**8.5** Swimwear for the figure session must be according to Rule I.7, it shall be black, and athletes shall wear white caps. Goggles and nose clips may be worn. Only small stud jewellery is permitted. Athletes must remove any dangling jewellery prior to the start of the event.



**9. FIGURE PANELS**

9.1 When qualified judges are available in sufficient numbers one (1), two (2) or four (4) panels of six (6) or seven (7) judges may officiate.

9.1.1 When one (1) panel of judges is used, all athletes shall perform the four (4) or two (2) figures (according to age category) one by one in the listed order.

9.1.2 When two (2) panels of judges are officiating, each panel shall judge one (1) or two (2) figures.

9.1.3 When four (4) panels of judges are officiating, each panel shall judge one (1) figure.

9.2 During the Figure session, the judges shall be placed in such elevated positions as to have a profile view of the athletes.

9.2.1 All figures and judging shall commence at a signal from the Referee or Assistant Referee.

9.2.2 On a signal from the Referee or Assistant Referee all judges shall simultaneously flash their score.

9.2.3 Judges scores may only be flashed on the score board or be sent to the computer after approval by the Referee or the appointed official.

**10. JUDGEMENT OF FIGURES**

10.1 The athlete can obtain points from 0 – 10 using 1/10th points.

|              |           |                     |           |
|--------------|-----------|---------------------|-----------|
| Perfect      | 10        | Satisfactory        | 5.9 – 5.0 |
| Near perfect | 9.9 – 9.5 | Deficient           | 4.9 – 4.0 |
| Excellent    | 9.4 – 9.0 | Weak                | 3.9 – 3.0 |
| Very Good    | 8.9 – 8.0 | Very weak           | 2.9 – 2.0 |
| Good         | 7.9 – 7.0 | Hardly recognizable | 1.9 – 0.1 |

|           |           |                   |   |
|-----------|-----------|-------------------|---|
| Competent | 6.9 – 6.0 | Completely failed | 0 |
|-----------|-----------|-------------------|---|

10.2 All judgements are made from the standpoint of perfection considering design and control, with each transition of the figure having a numerical value (NVT) based on its difficulty.

10.3 If a judge by reason of illness or other unforeseen circumstances has made no award for any one figure, the average of the awards of the other five (5) or six (6) judges shall be computed and shall be considered as that of the missing award. This shall be calculated to the nearest 0.1 point.

#### 11. PENALTIES IN FIGURE SESSION

11.1 If an athlete does not perform the announced figure, or if the figure does not have all the required elements or is performed other than according to the description, the Referee or Assistant Referee shall advise the judges and the athlete that the result of the figure will be a zero.

11.2 In Figure competition, if the award for the figure is a zero the Referee may review the official video together with two (2) World Aquatics Evaluators or World Aquatics Judges (ensuring that three different Federations are represented) a maximum of three (3) times. If a definite decision cannot be reached after three (3) reviews, it shall be awarded in the athlete's favour (no zero will be applied).

11.3 In a Figure competition for the 12 and Under-age category, if the athlete doesn't perform the correct figure, the athlete will be allowed to perform this figure again and a 1-point penalty will be applied. If the athlete fails again, then "0" will be applied.

#### 12. CALCULATION OF THE FIGURE RESULT

12.1 The highest and the lowest awards are cancelled (one of each). The four (4) or five (5) awards are added, the sum divided by four (4) or five (5). The result is multiplied by the degree of difficulty to obtain the score for each of the four (4) or two (2) figures competed.

12.2 The sum of the four (4) or two (2) figures shall be divided by the total degree of difficulty of the figures competed and multiplied by 10, and then the penalties shall be deducted.

**12.3** The figure result shall be:

**12.3.1** For Solo the result shall be obtained according to VII.12.2.

**12.3.2** For Duets– for each athlete the result shall be obtained according to AS 12.2. These results shall be added, and the total divided by two (2) to determine the average score (round off to the fourth decimal places) for the routine.

**12.3.3** For Teams – for each athlete who competes in a team routine the result shall be obtained according to VII.12.2. These results shall be added, and the total divided by the number of athletes in the team to determine the average score (round off to the fourth decimal places) for the routine.

**12.3.4** If an athlete after the preliminaries in Duet or Team is not able to compete in the Figures session (due to illness or injury), in Duet the figure score of the reserve is used to determine the total score for the duet: In Team, the higher figure score of the two (2) reserves is used to determine the total score for the Team routine.

### **13. ROUTINE SESSIONS**

**13.1** A Mixed Duet shall consist of one female and one male.

**13.2** A team shall consist of at least four (4) but not more than eight (8) athletes (for the exceptions, see VII.6.2). The number of team athletes may not change between Preliminary and Finals or Technical and Free Routines. The total number of athletes may include a maximum of 2 male athletes.

**13.3** A Free Combination shall consist of at least four (4) but not more than ten (10) athletes. The total number of athletes may include a maximum of 2 male athletes.

**13.4** An Acrobatic Routine shall consist of four (4) to eight (8) athletes. The total number of competitors may include a maximum of 2 male athletes.

**13.5** In Free Combination and Acrobatic Routines the number of athletes may not change between Preliminary and Finals.

**13.6** In Duet, Mixed Duet, Team, Free Combination and Acrobatic Routine events athletes who are listed on the entry according to rule VII.6.3.1 may be interchanged before routine sessions.

**13.6.1** Any changes of the names of the athletes from the most recent entry lists must be handed to the Referee in writing at least two (2) hours prior to the published start time of routine number one. This time must be published in the official competition schedule. Changes after this can only be made in case of sudden illness or accident of an athlete and if the reserve is ready to compete without delaying the competition. The final decision in such a situation shall be made by the Referee.

**13.6.2** If the lack of the reserve reduces the Team, Free Combination or Acrobatic Routine size to less than that defined in VII.4.4, VII.4.5, VII.6.2, VII.13.2, VII.13.3 or VII.13.4, the team shall be disqualified.

**13.6.3** Failure to notify the substitution and / or scratching according to rule VII.13.6.1 shall result in disqualification of the routine.

**13.7 Draw Procedure for Technical Routines, Free Routine Preliminaries, Free Combination Preliminaries or Acrobatic Routine Preliminaries (WAC and OG)**

All routine events shall be entered according to the World Ranking. Draws will be divided into two parts: athletes with a current World Ranking and those without a World Ranking.

Draw Process for Non-Ranked Athletes

The non-ranked athletes will be randomly drawn into start order groups of 6. These groups will compete first in the competition in the drawn order and before the lowest group of ranked athletes.

Draw Process for World Ranked Athletes

Athletes with World Rankings will compete in the draw following the non-ranked athletes, in reverse order of ranking with the highest ranked athlete competing last, followed by the next ranked athlete, etc. In cases of ties in the World Rankings, there will be a separate draw between tied athletes to decide the order of the main draw.

*Example: 30 entries in World Aquatics Championship Technical Duet – 18 ranked duets and 12 non-ranked duets. Draw Procedure: non-ranked duets will draw for start order 1–12 based on a random draw; ranked duets will compete in reverse order in 13–30 based on world rank order.*

Refer to Appendix 9 for World Ranking Information.

**13.7.1** The draw shall be manual if no World Aquatics sanctioned electronic draw system is available. The draw shall take place at least eighteen

(18) hours before the first part of the competition and shall be public. Place and time shall be announced at least twenty-four (24) hours in advance.

**13.7.2** The order of the draw shall be Teams, Free Combination, Acrobatic Routine, Duets and Solo Preliminaries. For competitions involving both Technical and Free Routines, the draw for the event's Technical Routine shall first be held followed by the Free Routine Draw (Team Technical, Team Free Preliminary, Free Combination Preliminary, Acrobatic Routine Preliminary, Duet Technical, Duet Free Preliminary, Mixed Duet Technical, Mixed Duet Free Preliminary, Solo Technical, Solo Free Preliminary, Male Solo Technical and Male Solo Free Preliminary).

**13.7.3** When a Federation draws start number one (1) in a Technical Routine or Free Routine Preliminary, Free Combination Preliminary or Acrobatic Routine Preliminary, or Direct Finals, this Member Federation shall be exempt from start number one (1) in all remaining Preliminary or direct final sessions in the family the Member Federation drew first in. (Example Solo family includes Technical and Free Routines for Female Solo and Male Solo).

**13.8** After the Figures and/or Technical Routines and Free Routines Preliminaries and Combination/Acrobatic Routine Preliminaries the first twelve (12) by total score shall compete in the finals.

If the number of participants in preliminaries is higher than 35, the first fourteen (14) by total score shall compete in the finals.

Exception: In World Aquatics (Senior) Championships: after each Technical / Free Routine / Acrobatic Routine, the twelve (12) best will compete in the respective Final.

**13.8.1** The order of appearance in Finals will be divided into draw groups of 6 or 7 athletes. Those athletes who placed 1-6 or 1-7 per VII.13.8 shall draw for the last start numbers; those athletes who placed 7-12 or 8-14, shall draw for the first start numbers. If the number of athletes in Finals is not divisible equally, the first group to swim will be the smallest group.

**13.9** Theatrical make-up shall not be worn. Natural makeup that represents the athlete's unique personality and/or the theme of their routines may be used.

**13.10** The use of accessory equipment, goggles or additional clothing is not permitted unless required by medical reasons. In the event that the Referee observes or is informed by Assistant Referee that the athlete(s) does not conform, the athlete will not be permitted to compete until in conformance.

**13.11** Nose clips or plugs may be worn.

13.12 For safety reasons only small stud jewelry is permitted. Athletes must remove any dangling jewelry, or dangling items from headpieces or swimwear prior to the start of the event.

13.13 In routines the swimwear must conform to I.7 and VII. 13.9.–13.13. In the event that the Referee thinks the athlete(s) swimwear does not conform, the athlete will not be permitted to compete until in conformance. Swimsuits may however represent character or theme of the music they are swimming to. The swimsuits must not give the effect of excessive nudity inappropriate for the discipline. Artistic Swimming Suits must be dignified and appropriate for athletic competition.

#### 14. TIME LIMITS FOR ROUTINES

14.1 Time limits for Technical Routines, Free Routines and Acrobatic Routines including ten (10) seconds for deck movement:

|        |  |                      |
|--------|--|----------------------|
| 14.1.1 | <b>Technical Routine Female Solos:</b> | 2 minutes 00 seconds |
|        | <b>Technical Routine Male Solos:</b>   |                      |
|        | <b>Free Routine Female Solos:</b>      | 2 minutes 15 seconds |
|        | <b>Free Routine Male Solos:</b>        |                      |
| 14.1.2 | <b>Technical Routine Duets:</b>        | 2 minutes 20 seconds |
|        | <b>Free Routine Duets:</b>             | 2 minutes 45 seconds |
| 14.1.3 | <b>Technical Routine Mixed Duets:</b>  | 2 minutes 20 seconds |
|        | <b>Free Routine Mixed Duets:</b>       | 2 minutes 45 seconds |
| 14.1.4 | <b>Technical Routine Teams:</b>        | 2 minutes 50 seconds |
|        | <b>Free Routine Teams:</b>             | 3 minutes 30 seconds |
| 14.1.5 | <b>Acrobatic Routine:</b>              | 3 minutes 00 seconds |

14.1.6 There shall be an allowance of five (5) seconds less or plus the allotted time for all routines.

14.1.7 In all routine events, the walk-on of the athletes from the designated starting point to the achievement of a stationary position(s) may not exceed 30 seconds for Technical and Free Mixed Duets, Technical and Free Teams, and Free Combination and Acrobatic Routine and may not exceed 20 seconds for any Male and Female Solo and Female Duet Events.

14.1.8 In routine events, when the routine starts in the water, the time allowance

for the athletes to achieve a stationery starting position in the water shall not exceed 30 seconds for Technical and Free Mixed Duets, Technical and Free Teams, Free Combination and Acrobatic Routines and may not exceed 20 seconds for any Male and Female Solo and Female Duets Events.

**14.1.9** Age Group time limits – see Artistic Swimming Age Group 5.

- 14.2** Timing of the performance shall start with the walk-on and finish with the accompaniment. Timing of the walk-on shall commence when the first athlete moves past the designated starting point and ends when the last athlete assumes a starting position. Timing of the deck movements shall begin with the accompaniment and end as the last athlete leaves the deck.
- 14.3** The accompaniment shall begin upon a signal from the Referee or appointed official. After the signal the athlete(s) must perform the routine without interruption (see VII. 18.2). Routines may start on the deck or in the water, but they must finish in the water.
- 14.4** The Timer shall check the overall time of the deck movements and the walk-on. If the time limit is exceeded for the deck movements, walk-on or there is a deviation from the routine time limit allowance (see VII.14.1) the Timer or Sound Center Manager shall advise the Referee, or the appointed official designated by the Referee.
- 14.5** All Athletes shall provide music in accordance with the quality requirements of each Organising Committee as stated in the bulletin. Organisers may request new music should it not meet the standards required. Team managers will provide on the registration form the exact running time of the music, not swimming time, which shall be signed off on at the team managers meeting for each routine. The official time will be reviewed by the Sound Center Manager's electronic running time. The Sound Center Manager will notify the Referee of any music that does not comply with AS timing rules.
- 14.6** If there is no official training with music, the organizer must provide the athlete or Team Leader the opportunity to hear their music in the competition venue prior to the start of the event.

## **15. MUSIC ACCOMPANIMENTS**

- 15.1** The Sound Center Manager shall be responsible for the securing and properly presenting the accompaniment for each routine.

**15.2** For World Aquatics competitions, a decibel (sound level) meter shall be used to monitor the sound level and ensure that no person is exposed to average sound levels exceeding 90 decibels (rms) or momentary peak sound levels exceeding 100 decibels.

**15.3** Team Managers are responsible for submitting their music electronically via the Internet to the Sound Center Manager according to the instructions in the bulletin at least 14 days prior to the start of practice sessions. Each submission shall be labelled as to event, name of the athletes and national Federation.

The organizing committee must supply a World Aquatics approved music system in the competition pool and have a second sound system in the practice pool.

## **16. ROUTINE PANELS**

**16.1** Two (2) panels of five (5) judges must officiate in all routines: one for Elements and one for Artistic Impression.

Two (2) groups of three (3) Technical Controllers must officiate in all routines: one group to check the number, order of performance and predeclared difficulty of the Free Elements (Hybrids and Acrobatics), and the performance and predeclared order of Technical Required Elements (technical routines), and one group to register the number and type of synchronisation errors observed.

**16.1.1** There will be one (1) Difficulty Technical Controller (DTC) and two (2) Difficulty Assistant Technical Controllers (DATC). The purpose of the role is to verify all of the Technical Required Elements (technical routines), and the Free Elements (Hybrids and Acrobatics) performed in real time as they occur in a routine. They are also responsible for the identification of any "technical errors", which are differences in what is declared on the Coach Card to what is performed in the water OR an error in a Technical Required Element (technical

routines). The Difficulty Technical Controller will have communication to the Referee.

**16.1.2** There will be three (3) Synchronisation Technical Controllers (STC) who will record the number of synchronisation errors (unequal actions) they observe during the performance of a routine. They will be seated on deck with a clear view of the pool.

**16.2** During routine sessions the Judges, Evaluators and Synchronisation Controllers shall be placed in elevated positions on opposite sides of the pool.



- 16.3 At the completion of each routine the Judges submit their scores.
- 16.4 If one or more Judges by reason of illness or other unforeseen circumstances has made no award for a routine, the average of the awards of the other judges shall be computed and shall be considered as the award. This shall be calculated to the nearest 0.25 point.
- 16.4.1 If an unexpected situation happens during a session and one or more Judges cannot give an award for a routine, the Referee can disrupt the session and performance. After the settlement of a matter and safe confirmation, the Referee shall resume the session and allow the athlete to swim again.
- 16.5 Judges' scores will be displayed on the score board after approval from the Referee. Judges' scores cannot be changed after being posted on the scoreboard.
- 16.6 For all Routines, official(s) will be appointed by the Referee & World Aquatics Delegate/Commission to monitor the use of the bottom of the pool.

**17. JUDGEMENT OF ROUTINES**

- 17.1 In Routines, the athlete can obtain points from 0 – 10 using 0.25 points.

|                     |             |
|---------------------|-------------|
| Perfect             | 10          |
| Near perfect        | 9.75 - 9.5  |
| Excellent           | 9.25 – 9.0  |
| Very Good           | 8.75 – 8.0  |
| Good                | 7.75 – 7.0  |
| Competent           | 6.75 – 6.0  |
| Satisfactory        | 5.75 – 5.0  |
| Deficient           | 4.75 – 4.0  |
| Weak                | 3.75 – 3.0  |
| Very weak           | 2.75 – 2.0  |
| Hardly recognizable | 1.75 – 0.25 |
| Completely failed   | 0           |

- 17.2 In all Routines each Judge shall award scores from 0-10 points each (see VII.17.1).
- Elements panel judges shall award one (1) score for the execution of each

Element (Free and Technical Required).

Artistic Impression panel judges shall award three (3) scores, one (1) score for choreography and musicality, one (1) score for performance and one (1) score for transitions.

Difficulty Technical Controllers check the predeclared difficulty on the submitted Coach Card. Difficulty values can be found in Appendixes VI and VII and Coach Card format in Appendix VIII of these Rules. World Aquatics reserves the right to adjust the components assigned to each category as required.

#### **17.2.1 First panel – ELEMENTS**

In **EXECUTION** consider: the level of excellence in performing highly specialized skills. Execution of all routine Elements: Technical Required Elements and Free Elements (Hybrids and Acrobatics)

#### **17.2.2 Second panel – ARTISTIC IMPRESSION**

In **CHOREOGRAPHY** and **MUSICALITY** consider the creative skill of composing a routine that combines artistic and technical elements. The design and weaving together of variety, creativity, and innovation of all movements including elements and transitions. The pool coverage. Expressing the mood of the music, use of the music's structure and the movements and synchronisation with the music.

In **PERFORMANCE** consider the manner in which the athlete(s) present(s) the routine to the viewers including the walk-on and deck movements. The use of body language to express physical and emotional power, confidence, and total command of the performance.

In **TRANSITIONS** consider the artistry and mastery of varied and purposeful movements, propulsions and strokes that link routine elements.

### **18. DEDUCTION, PENALTIES AND OTHER MATTERS IN ROUTINES**

- 18.1** In Technical, Free and Acrobatic Routines one half (0.5) point penalty shall be deducted from the total score for each athlete less than eight (8) (see VII.13.2 and VII.13.4).
- 18.2** If one (or more) athlete(s) stops swimming or makes clear support use of the pool wall before the routine is completed, the routine will be disqualified. The Referee shall assess if the cessation is caused by circumstances beyond the control of the athlete(s). The Referee may allow the routine to be re-swum during the session.

**18.3 Penalties in Free Routine, Technical Routine, Free Combination and Acrobatic Routine**

All Free Elements (Hybrids and Acrobatics) have a calculated **Base Mark (Appendix VI and VII)** that is the minimum Degree of Difficulty that will be applied if one (1) or more components of the element is not performed or is not in conformance to what is declared in the Coach Card. In the case of detected error(s) of declared calculation of the Base Mark, the DTC will recalculate.

A one (1) point penalty shall be deducted from the **routine** score if:

**18.3.1** The time limit of ten (10) seconds for deck movements is exceeded.

**18.3.2** There is a deviation from the specified routine time limit allowed (less or more than) for the routine and in accordance with VII.14.1 and ASAG 5.

**18.3.3** If the time limit of 20/30 seconds for the deck walk-on is exceeded.

A two (2) point penalty shall be deducted from the **routine** score if:

**18.3.4** An athlete has made deliberate use of the bottom of the pool during a routine to propel themselves or to assist another athlete. No penalty will be applied when the contact with the bottom of the pool results from the swimmer's self-protection from injuries by impact.

**18.3.5** A routine is interrupted by an athlete during the deck movements and a new start is allowed.

**18.4** In all routines, a two (2)-point penalty shall be deducted from the **Elements** score for each element exceeding the predetermined number assigned to the particular event and category.

**18.5** In Free Mixed Duet and World Aquatics Youth Team events a half (0.5) point penalty shall be deducted from the Artistic Impression score for each of the additional required movements in Appendix III not performed (Two (2) surface connected movements with travel in Mixed Duet; one (1) Thrust (T1-T9) and one (1) Spin descending 720° with one or two legs (R3) in Youth Team).

**18.6** For all routines, the sum of all synchronisation errors (unequal actions) observed by the Synchronisation Technical Controllers (STC), (each factored by its assigned value) will be deducted from the **Elements** Score.

Types of Synchronisation errors and penalty values:

**Small: 0.1 points**

**Obvious: 0.5 points**

**Major: 3.0 points**

The description of small, obvious, and major synchronisation errors (unequal actions) is detailed in the World Aquatics Artistic Swimming Manual for Routines. Maximum deduction can reduce the Elements score to zero, but not to a negative Elements score.

#### **01111122.i89Penalties and other matters in Technical Routines**

**18.6.1** In a Technical Routine, if one (1) or more athletes omit all or part of an Element or performs an incorrect action in a Technical Required Element, the Difficulty Technical Controllers shall make note that the declared movement was not correct. If the video review confirms (review performed by three neutral parties) a zero (0) will be assigned as the Degree of Difficulty for this particular Element

**18.6.2** The Difficulty Technical Controller (DTC) shall inform the Scorer to submit a zero (0) for each Technical Required Element #1 to #5 swum out of the order declared on the Coach Card (each violation of General Requirement #4 in Appendix 2).

**18.6.3** A half-point (0.5) penalty shall be deducted from the **Elements Score** for **each violation of** General Requirements #6 in Appendix 2.

**18.6.4** A two (2) point penalty shall be deducted from the **Elements Score** for each violation of routine requirement # 6 of Solo, Duet, Mixed Duet and Team, and requirement #7 of Team in Appendix 2.

#### **18.7 Penalties in Free Combination**

**18.7.1** A two (2) point penalty shall be deducted from the **Routine Score** for violations of each General Requirement #, 3, 4, 5 and 6 in Appendix 5.

**18.7.2** A two (2) point penalty shall be deducted from the **Elements Score** for each violation of the Technical Required Elements #1 and #2 in the Appendix 5.

#### **18.8 Penalties in Acrobatic Routine**

**18.8.1** A two (2) point penalty shall be deducted from the **Routine Score** for each violation of General Requirement #3 in Appendix 4.

**18.8.2** A two (2) point penalty shall be deducted from the **Elements Score** for each Required Acrobatic not performed or not conforming to the Acrobatics groups specified in Appendix 4.

## 18.9 Technical Controller (DTC/DATC/STC) Review Request

The World Aquatics Delegate/Commission shall appoint three (3) members which may include themselves for a Jury of Review to review a decision of the Technical Controllers (DTC/DATC/STC). To avoid either actual bias and prejudice or the appearance of bias, members appointed to the Jury of Review shall not be members of the Federation requesting the review. Persons who are biased and prejudice shall be disqualified from the Jury Panel Review. The Jury of Review shall be appointed as soon as the World Aquatics Delegate is informed of the request to review a decision taken by the Technical Controllers (DTC/DATC/STC).

### **Process:**

The Team Leader must file a request for review of a routine for Technical Controller (DTC/DATC/STC) decisions to the World Aquatics Delegate within thirty (30) minutes after results publication.

All review requests must be submitted in writing on the World Aquatics Technical Controller Review Application Form by the responsible Team Leader.

The Review Panel will decide on the location and the review format of the routine.

The Team Leader/Coach/Athlete may be present for the review. If a video has to reviewed more than three (3) times the ruling will go in favour of the athlete. The Review Panel is required to respect the confidentiality of the appeal until the decision is made public, and to consult with only members of the Review Panel.

Decisions of the Review Panel may be announced verbally at the conclusion of the review. The Review Panel shall submit the decisions and reasoning to World Aquatics in writing which will be shared with the Federation. A record of the written decision will be stored at the World Aquatics office. The decision of the Jury of Review is final.

## 19. CALCULATION OF THE ROUTINE RESULTS

### 19.1 Calculation procedure for all routines:

$EL1DD*Ex + EL2DD*Ex + \dots + ELnDD*Ex - Sy \text{ errors penalty} - \text{other penalties}$   
**= Elements score**

$CH/MU \text{ score} + P \text{ score} + Tr - \text{other penalties}$   
**= Artistic Impression score**

Elements score + Artistic Impression score - other penalties

**= Routine score**

The score for each element is calculated as follows: the highest and the lowest awards for each score are cancelled (one high, one low). The three (3) remaining awards are added, and the sum divided by three (3). The result is multiplied by its correspondent DD.

For each of the three (3) Artistic Impression scores the highest and the lowest awards for each score are cancelled (one high, one low). The three (3) remaining awards are added.

EL = Element (either required or free)

DD = Sum of values of each element component and bonuses + Base Mark for Free Elements (all in Hybrid Difficulty Table); assigned DD for Technical Required Elements #1 to #5

Ex = Execution score

n = Total number of Elements in an event (see Appendix III)

CH/MU = Choreography and Musicality

n results is the EP = Performance

Tr = Transitions

**World Aquatics will manage all final DD values. Factoring can be applied.**

**World Aquatics reserves the right to adjust if required**

- 19.2 The Routine Score shall be the sum of the Elements score and Artistic Impression scores less any penalty deductions in VII.18.

## 20. FINAL RESULT

- 20.1 The final Figure result shall be that of the athletes who actually swam the Free Routine. For exceptions see rule VII. 12.3.4.

- 20.2 The final result is determined by adding the final score of each performed session; if both Preliminary and Final Routine sessions are held, the Routine score from the Final session shall replace that of the Preliminary session to

determine the Final result.

**20.2.1** In events that include one (1) session – Acrobatic Routine or Free Combination, Free Routine, Technical Routine or Figures - the result shall be the score of that session.

**20.2.2** In events that include two (2) sessions – Figures and Free Routine or Technical Routine and Free Routine – the results shall be the sum of each session.

**20.2.3** In events that include three (3) sessions – Technical Routine, Free Routine and Acrobatic Routine– the results shall be the sum of each session.

**20.3** In the case of ties (calculated to four (4) decimals) in Female Solo, Male Solo, Duet, Mixed Duet, Team, Free Combination and Acrobatic Routine, the following shall apply.

If a decision has to be made to go to finals or draws, to be qualified, or to be promoted/ demoted, the following procedure will be used:

For all routines:

The highest Elements score shall decide.

If there is still a tie, the highest Choreography and Musicality score in the Artistic Impression panel determines the position.

If there is still a tie, the highest verified total declared degree of difficulty in the Elements panel will decide.

For events with combined results (Technical, Free and Acrobatic Routines)  
Example: Olympic Games, the following procedure will be used:

The higher Free Routine score of the final result shall decide.

If there is still a tie, the Elements score of the Free Routine determines the position.

If there is still a tie, the highest Choreography and Musicality score in the Artistic Impression panel of the Free Routine determines the position.

If there is still a tie, the highest Elements score from the Technical Routine shall decide.

## **21. OFFICIALS AND DUTIES**

**21.1** Officials shall be recommended by World Aquatics. The evaluations of the Judges, their overall world ranking, bias scores, and participation in World Aquatics events in the past two (2) seasons will be considered. Continental representation will

be considered, in selecting Judges, however the best Judges will be placed on final events. These selections shall be final except for emergency situations (see VII.22.3 and VII.22.4).

**21.2** The required officials shall be:

**21.2.1** A Referee

**21.2.2** One Assistant Referee for each panel of Judges in figures competitions.

**21.2.3** For World Aquatics events and Olympic Games one (1) Difficulty Technical Controller (DTC) and two assistant (2) Technical Controllers (DATC) are required.

**21.2.4** For World Aquatics events and Olympic Games three (3) Synchronisation Technical Controllers (STC) are required.

**21.2.5** Each Figure panel shall consist of six (6) or seven (7) Judges. In Routines two (2) panels of five (5) Judges shall be used. At World Aquatics competitions and Olympic Games, Judges shall be chosen from the World Aquatics lists of Judges, Technical Controllers shall be selected from the list of World Aquatics Technical Controller experts.

**21.2.6** For each Figure panel – a Panel Referee, a Panel Marshall and two (2) to three (3) scorers.

**21.2.7** For routines – one (1) timer and one (1) Referee

**21.2.8** A World Aquatics approved Sound Center Manager

**21.2.9** A World Aquatics approved announcer

**21.2.10** A World Aquatics approved Under Water Camera Operator.

**21.2.11** A World Aquatics approved Video Replay System for Technical Controllers

**21.2.12** Two (2) appointed World Aquatics Evaluators. shall be selected from the trained group of World Aquatics Evaluators.

**21.2.13** Other officials as deemed necessary

## **22. REFEREE**

**22.1** The Referee in collaboration with the World Aquatics Delegate or Commission and Evaluators shall have control of the event. The Referee shall enforce the decisions of the group. Referees will take attendance and provide the judges with logistic information for the session (for example if there is break or if there are any scratches). The Evaluators will lead all Judge panel discussions and Judge debriefs.

The Referee shall be responsible for:

- Draw for order of appearance in all sessions.
- Recording changes of athletes prior to each session.
- Checking the electronic scoring system.



- Checking the computer results.
- Ensure that an evaluators program is provided.
- Ensure Coaches cards have been uploaded for the Technical Controllers
- Ensure Judges have list of performance of Elements for each routine.
- Be in communication with the Announcer, Medical personel, Sound Center Manager, lifeguards and Assistant Referee.
- Receive Coaches Card changes and ensure distributed to Scorer. Technical Controllers, Announcer, media and broadcast.

**22.2** The Referee shall be responsible for the running of the deck and flow of the event. Rules will be enforced by the Referee after collaboration with the World Aquatics Delegate/Commission. The Evaluators may be consulted as necessary. The Referee in collaboration with the World Aquatics Delegate/Commission are responsible for questions and decisions of the events relating to the conduct of the event.

**22.3** The Referee shall ensure that all the necessary officials are in their respective positions to conduct the session. They ensure the officials have their assignments for each routine and are provided with a list of performance of Elements for each routine.

**22.4** The Referee may appoint reserve Judges for any persons who are absent, incapable of acting or found to be inefficient or biased after consultation with the World Aquatics Commission/Delegate.

**22.5** In emergencies, the Referee is authorized to assign a reserve Judge.

**22.6** Referees ensure that the athletes are ready and signal for the start of the accompaniment. They shall approve the penalties resulting from any infraction to the rules. The Referee and World Aquatics Delegate/Commission shall approve the results before announcements.

**22.7** The Referee may intervene in the event at any stage to ensure that the World Aquatics regulations are observed and shall adjudicate all protests in collaboration with the World Aquatics Delegate/Commission related to the session in progress.

**22.8** The Referee shall recommend disqualification of any athlete for any violation of the rules that they personally observe by reporting the offender to the World Aquatics Delegate/Commission.

- 22.9 The Referee must attend the Team Leaders meeting and ensure logistics for the event are in place.
- 22.10 The Referee runs the draws at the Team Leaders' meetings. Draws will commence after all media information sheets have been submitted to the LOC on each routine.
- 22.11 The Referee ensures World Aquatics has set up chat groups with the coaches group at the Team Leaders meeting and officials' groups at the Judges meeting.

**23. OTHER OFFICIALS**

- 23.1 Other official(s) shall carry out duties assigned by the Referee.

**24. DUTIES OF ORGANIZER**

- 24.1 The Member Federation holding the competition is responsible for:
  - 24.1.1 Pool specifications and related regulations listed in rules VII.27.1-4. Changes to requirements must be approved by World Aquatics.
  - 24.1.2 Providing suitable sound equipment approved by World Aquatics.
  - 24.1.3 Providing four (4) underwater speakers for competition pool and four (4) underwater speakers for the practice pool.
  - 24.1.4 Providing list of performance of Elements for each routine for Judges and Coach Cards.
  - 24.1.5 Preparing a list of entries and judging forms.
  - 24.1.6 Providing event information electronically to TASC, Officials, Coaches, media and VIPs.
  - 24.1.7 Providing the Judges for figure sessions with a means of signalling scores. When automatic Officiating Equipment is used, each Judge shall be provided with flash cards in case of technical failure.
  - 24.1.8 Ensuring a World Aquatics approved scoring system is used.
  - 24.1.9 Ensuring that electronic marks and display/scoreboard is be used for World Aquatics events. The results display information score board must show placing in previous program (Preliminaries or Technical Routine) and current placing in current program (Finals or Free Routine) and an overall current placement.
  - 24.1.10 Ensuring that video records of all sessions and underwater video is available if required for all routines to enable checking the use of the bottom of the pool.

**24.2** The information bulletins for all Artistic Swimming competitions must include the following information:

- The place of the event and the name of the pool
- The date and time of the competition when it is held
- Names of World Aquatics President, World Aquatics Staff, World Aquatics Delegate/Commission, World Aquatics Bureau Liaison
- List of Federations participating by event entries
- Event schedule
- Transportation schedule for athletes, officials and TASC. The schedule will be posted at the venue and in the lobby of the hotels
- Officials participating in the event
- Pool dimensions with specific reference to the depth of the water, the water level below deck, position of diving boards, ladders, etc. A cross section drawing of the pool is desirable, and diagrams of the pools for figure session and routine sessions. In case the pool specifications are not according to Facilities Rules 10, diagrams and cross section drawing are obligatory and must be sent with the meet invitation.
- Temperature of water
- Gel station for athletes / Mirrors for athletes
- Stretch room for athletes
- Lockers for Judges
- Practice pool that mimics competition pool with platform
- Training schedules ensuring all athletes have equal conditions
- Transportation schedules for pick up and departure to airport
- Assistance with local visa/ covid requirements
- Link to live streaming and results
- Medical Services Information

**24.3 Other duties:**

**24.3.1** Markings of bottom and sides of the pool.

**24.3.2** Position of audience with reference to the pool and designated VIP seating area.

**24.3.3** Type of lighting

**24.3.4** Open space for entrance and exit, to include designated starting point for walk-ons.

**24.3.5** Types of sound equipment available.

**24.3.6** Alternative facilities, if required.

**24.3.7** Schedule of events, indicating which sessions (per VII.4) will be included in the program (VII.5) and stating whether Preliminaries and Finals will be held according to VII.7.1 and VII.7.2.

**24.3.8** Ensure Gala water show is included at the end of the competition. Participating athletes must perform a new routine of no less than 1:00 minute

and no longer than 1:30 minute in duration. Costumes, make up props and lighting are welcome. Gala Show program must be approved by World Aquatics.

## **25. AGE GROUP RULES**

### **25.1 General**

World Aquatics Rules of competition will apply in all Age Group competitions.

### **25.2 Age Categories**

**25.2.1** All Age Group athletes remain qualified from 1<sup>st</sup> January to the following 31 December at the age they are at the close of day (23:59) on 31<sup>st</sup> December of the year of the competition.

**25.2.2** Age Groupings for Artistic Swimming are:

- 12 years of age and under
- Youth (13 - 15 years of age)
- Junior (15-19 years of age)
- Senior 15 +above

**25.2.3** Male Age Groupings for Artistic Swimming are:

- 12 years of age and under
- Youth (13 – 16 years of age)
- Junior (15 - 20 years of age)
- Senior 15 + above

### **25.3 Age Group figure sessions**

**25.3.1** In the 12 & Under age category, each athlete in Female Solo, Male Solo, Duet, Mixed Duet, and Team must perform four (4) figures: the two (2) compulsory figures and one (1) group of two (2) figures drawn from the list described in the Appendix I of these rules. Each athlete in Free Combination may perform four (4) figures selected by the above-described procedure.

In the Youth category, each athlete in Female Solo, Male Solo, Duet, Mixed Duet, and Team must perform a group of two (2) figures from the set of four (4) figures drawn from the list described in Appendix 5 of these rules. Each athlete in Free Combination may perform the two (2) figures selected by the above-described procedure.

A group or set of two (2) groups of Figures from the World Aquatics Figures 2022-2025 in Appendix I shall be drawn by the Organising Committee according to VII.8.3.

**25.3.2 Figure lists:**

The figure groups for 12 & Under and the 3 sets of 2 groups of figures with 2 figures in each group with identical DD for Youth age groups are listed in Appendix I of these World Aquatics Artistic Swimming Rules. Participating Federations/Clubs may also by mutual consent choose from other Age Group for the level of ability of the athletes entered in the competition.

**25.3.3** For each athlete in 12 & Under and Youth age groups the final result of the figures session will be divided by the total degree of difficulty of the figures performed and multiplied by 10 (see VII.12.2).

**25.4** In a Duet, or Team event of the 12 & Under and Youth age categories, all athletes must compete in their own Age Group and must swim the Figure groups assigned by the draw. (See VII.8.3 and VII.8.4)

**25.5** The time limits for different age groups, including ten (10) seconds of deck movements, shall be:

**25.5.1 12 & Under / Youth**

|                  |      |
|------------------|------|
| Solo             | 2:00 |
| Duet/Mixed Duet  | 2:30 |
| Team             | 3:00 |
| Free Combination | 3:00 |

**25.5.2 Junior Free Routines**

|                 |      |
|-----------------|------|
| Solo            | 2:15 |
| Duet/Mixed Duet | 2:45 |
| Team            | 3:30 |
| Acrobatic       | 3:00 |

**25.5.2 Junior Technical Routines**

|       |      |        |      |
|-------|------|--------|------|
| Solo  | 2:00 | Duets: | 2:20 |
| Team: |      |        | 2:50 |

There shall be an allowance of five (5) seconds less or plus the allotted time limit.

**25.6** In the Youth Team event, the two (2) required movements in any of the six (6) Free Hybrids from Appendix III can be either part of a hybrid or constitute a

hybrid itself. In both case, these movements have to be clearly identified in the Coach Card. Entries will be accepted only under this premise.

**26. SWIMWEAR AND WEARABLES**

Swimwear for men in Artistic Swimming shall not extend above the navel nor below the upper thigh.

**27. ARTISTIC SWIMMING FACILITIES AND EQUIPMENT**

**27.1 Artistic Swimming Facilities**

**27.1.1 Figure Section**

The areas for figure competition in VII.27.1.1 can occupy the same area of the pool as that used for routine competition in VII.27.1.2 approved by TASC.

**27.1.2 Routine Section**

For the routine section of the competition a minimum area of 15 metres by 25 metres is required, within an area of which 12 metres by 12 metres must have a minimum depth of 3.0 metres. The depth of the remaining area shall be 2.0 metres minimum.

**27.1.3 Depth**

The pool depth shall be as detailed in VII.27.1.2.

Where the water depth is more than 2.0 metres, the depth at the pool wall may be 2.0 metres and then sloped down to reach the general depth at 1.2 metres maximum from the pool wall.

**27.1.4 Lane markings**

If there are no lane markings as described in III.16.2.15, the floor of the pool must be marked with contrasting lines in one direction, following the length of the pool as detailed in: *Artistic Swimming Diagram Annex 1*.

**27.1.5 Water Conditions**

**27.1.5.1** The water must be of sufficient clarity for the bottom of the pool to be visible.

**27.1.5.2** The water temperature shall not be less than 27° Centigrade.

**27.1.6 Lighting**

The minimum light intensity at the level of 1 metre above the water surface

shall not be less than 600 lux.

Sources of natural and artificial illumination shall be provided with controls to prevent glare for judges platforms and the starting platform.

#### **27.1.7 Starting Platform**

Starting platform is recommended 0.7 metres in height but not less than 0.5 metres. The surface of the platform should be covered in a slip-resistant material suggest a quick drying water proof carpet.

### **27.2 Artistic Swimming Facilities for Olympic Games and World Aquatics Championships**

#### **27.2.1 General requirement**

The Field of Play for Artistic Swimming in Olympic Games and World Aquatics Championships as detailed in: *Artistic Swimming Diagrams, Annex AS1 and AS 2*

#### **27.2.2 Routine Section**

For the routine section of competition at Olympic Games and World Aquatics Championships a minimum area of 30.0 metres by 20.0 metres is required.

#### **27.2.3 Depth**

The depth of the water shall be consistently not less than 3.00 metres.

#### **27.2.4 Lane markings**

If there are no lane markings as described in III.16.2.15, the floor of the pool must be marked with contrasting lines in one direction, following the length of the pool as detailed in: *Artistic Swimming Diagram, Annex 1*.

#### **27.2.5 Water Conditions**

**27.2.5.1** The water must be of sufficient clarity for the bottom of the pool to be visible.

**27.2.5.2** The water temperature shall not be less than 27° Centigrade.

#### **27.2.6 Lighting**

The light intensity at the level of 1 metre above the water surface shall not be less than 1500lux.

Sources of natural and artificial illumination shall be provided with controls to prevent glare for judges platforms and the starting platform.

#### **27.2.7 Starting Platform**

Starting platform shall be 0.7 metres in height with a tolerance of  $\pm 1$ cm.

The surface of the platform should be covered in a slip-resistant material suggest a quick drying water proof carpet. *See Artistic Swimming Diagrams, Annexes 1 and 2.*

#### **27.2.8 Judges Platform**

The Judges Platform must have tables and chairs and be of a minimum height of 0.6 metres. *The platforms should be no more than 2 metres from the edge of the pool.*

*See Artistic Swimming Diagrams, Annex 1 and AS2.*

#### **27.2.9 Practice warm up pool**

Practice warm up pool shall have a minimum area of 25 metres by 25metres or 30metres by 20 metres with a depth of 3 metres.

A sound reproduction system meeting the requirements set in VII.27.3shall be available.

#### **27.2.10 Dry Land Training**

A Dry land training stretch area must be provided for the athletes with mats.

### **27.3 Automatic Officiating Equipment for Artistic Swimming**

The minimum installation consists of:

**27.3.1** same number of score recorder units as judges (figure: 5 up to 28; routine 5 up to 15)

**27.3.2** the results may only be transferred after confirmation by the referee or appointed official

**27.3.3** result unit (computer) with result recording and backup system. Only World Aquatics approved programmes and systems are allowed.

**27.3.4** print out system for all recorded information, start lists and result lists;



**27.3.5** A judge's evaluation system based on the recorded results (FR 5.3.3). The World Aquatics TASC approved evaluation programme is required.

**27.3.6** scoreboard control unit with a scoreboard; of a minimum of 10 lines containing 32 digits (or scoreboard as described in Artistic Swimming Facilities Rules. The scoreboard must be able to display all recorded information and the running time;

**27.3.7** for each judge flash cards in case of failure of the electronic system.

**27.3.8 Timing System**

An automated timing system with 3 independent timers timing walk-on time, deck movement time and overall time. The timers should be placed close to the result secretariat.

**27.3.9 Underwater review system**

Underwater camera is required with mounting and harness to the wall or bottom depending on the type. The system must have video server or a computer control centre with data storage with the capacity for immediate slow motion replay. A monitor for the TASC to perform immediate reviews must be available.

**27.3.10 Routine and Figure review system**

2 to 4 cameras in defined positions with mounting and harness video server or computer control centre and data storage with the capacity for slow motion instant replay must be available.

**27.4 Sound Equipment and Presentation Standards for Artistic Swimming**

The sound equipment should include, at minimum:

**27.4.1 Amplifier-mixer system**

Mixer should have at least 16 inputs and 6 outputs (LR (Left-Right channels) PA, LR Speaker system on the field of competition, 2 outputs Spare/or for Broadcasting). Amplifiers should be suitable for used speakers.

## **27.4.2 A sound reproduction system**

**27.4.2.1** High quality microphones and microphone stations for announcements and ceremonies.

**27.4.2.2** High quality air speakers (AS) of size, number and placement to obtain uniform clear sound to the field of competition area. And should be able to produce 105 dB SPL (sound pressure level) A without distortion. The maximum SPL shall not exceed 125 dB SPL A. Speakers frequency response should be at least 40Hz-16kHz.

**27.4.2.3** High quality air speakers (AS) of size, number and placement to obtain uniform clear sound to the start podium of competition area. And should be able to produce 105 dB SPL A without distortion. The maximum SPL shall not exceed 125 dB SPL A. Speakers frequency response should be at least 40Hz-16kHz.

**27.4.2.4** All air speaker (AS) in the field of competition should be «passive» (without built-in amplifier) to avoid risk of electrical shock.

**27.4.2.5** UWS (Under Water Speaker) for clear and uniform underwater sound above. UWS should be able to produce 98dB A without distortion. The maximum SPL shall not exceed 110 dB SPL A. UWS frequency response should be at least 200Hz-10kHz. Isolation and impedance matching transformer systems for the UW speakers.

**27.4.2.6** DSP (Digital Sound Processor) to make amplitude frequency characteristic and delay corrections in between AS and UWS. DSP should have at least 2 inputs and independent 6 outputs (or 3 Stereo independent outputs). Each output should have HPF (High Pass Filter), LPF (Low Pass Filter), GEQ (Graphic equalizer) and/or Parametric equalizer, compressor/limiter, Delay (minimum 5 seconds).

## **27.4.3 PA (Public Address) System (Sound reproducing system for spectators)**

**27.4.3.1** The sound system shall be capable to cover spectators seats at least with 110 dB A with deviations in overall direct sound levels across the spectator seating area not exceeding +/- 3 dB A. The maximum SPL shall not exceed 125 dB SPL A.

**27.4.3.2** STI PA (speech transmission index for PA systems) should be in 0,5-1.0 STI.

**27.4.3.3** The PA system shall provide enough headroom to compensate for the atmospheric loss of high frequencies.

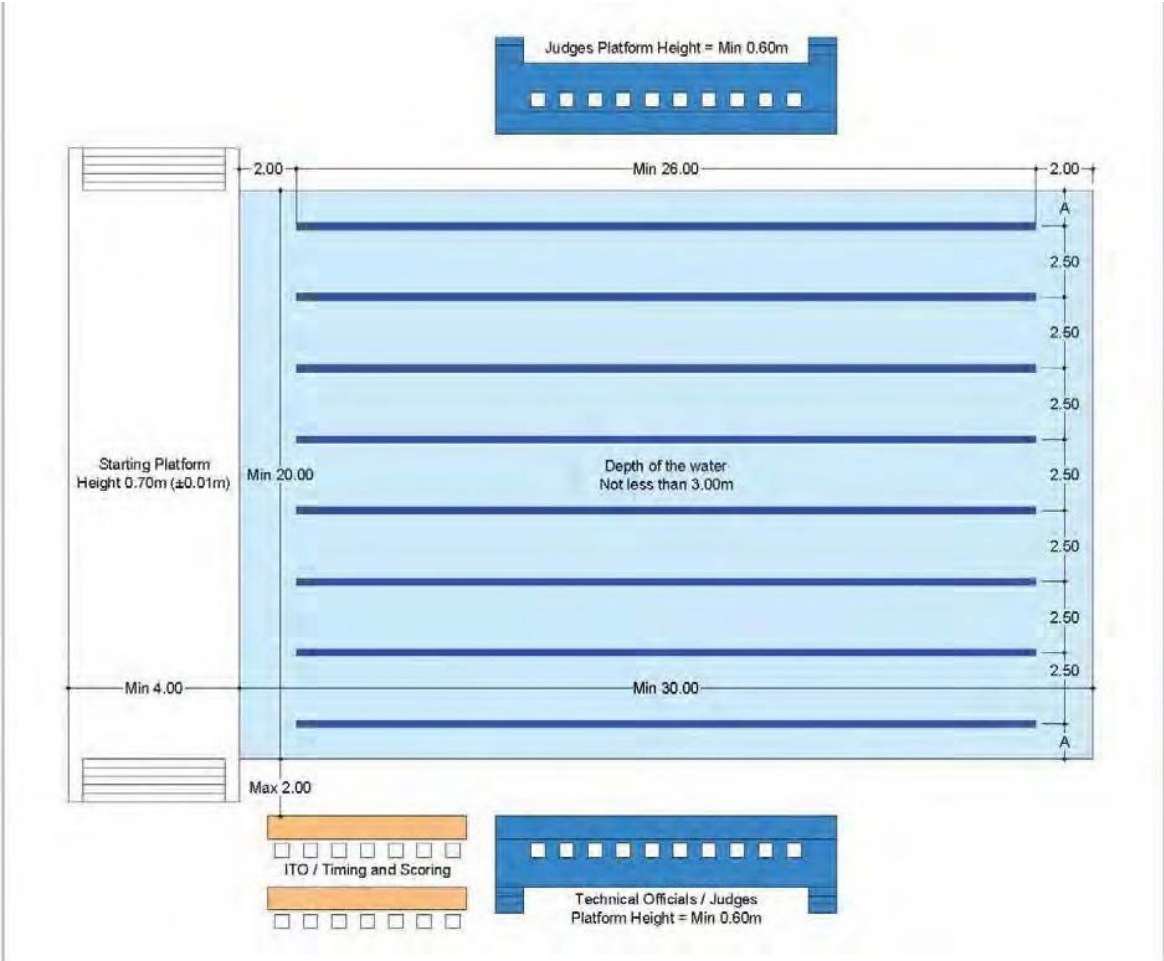
**27.4.3.4** The PA system should have a minimal impact to the field of competition to avoid sound delay problems.

**27.4.4** Sound volume (decibel) meter for monitoring music sound levels both above and under water.

- 27.4.5** Patch cords for interconnecting equipment properly, speaker extension lines adequate for placing speakers for optimal sound distribution.
- 27.4.6** Fusing systems as needed to protect speakers and other equipment.
- 27.4.7** Grounding lines to ensure safe grounding of all equipment.
- 27.4.8** Safety materials to minimize potential of injury to person or equipment from stepping on or tripping over electrical or speaker lines.
- 27.4.9** A stopwatch.
- 27.4.10** Tools and meters as needed for initial special hookups and emergency repairs.
- 27.4.11** Systems for communication between officials and sound desk.
- 27.4.12** A system for monitoring and recording underwater sound continuously.

27.5 Annexes

**Annex 1 - Diagram – Artistic Swimming Field of Play for Olympic Games and World Aquatics Championships**



## Annex 2 - Diagram – Artistic Swimming Field of Play for Olympic Games and World Aquatics Championships

