



FINA Artistic Swimming Innovation Group



Dear AS Family,

Over the last three years the Innovation Group has been working in the specific area of difficulty in routines looking for opportunities to improve or enhance the mutual comprehension of the issue among coaches, athletes, judges, media and audience.

Athletes and coaches have boosted the sport to an unbelievable level of difficulty with their athleticism and hard work, and continue to do so each season. As a result of the sport's growth and development routines are more and more amazing and awe inspiring but with an underlying complexity very hard to analyze and judge at a first sight.

Fortunately, we have solid foundations built by the enormous contributions of great coaches and judges who developed our Manual and DD Reports.

This document is the result of the Innovation Group's internal work done up to now, with the valuable help of the group of FINA Lecturers and TASC Members that tested our intermediate steps. Their comments and questions helped us to progress.

We present to you the work done in routine hybrids and declaring difficulty on a coach card. This document is meant to explain the use of the Hybrid Difficulty Table and using a coach card to declare routine difficulty that needs to be tested by you.

The first goal is to check if you find in our descriptions all possible combinations of different components of a hybrid (movements), as well as the added values (bonuses) specific for routines - number of swimmers, apnea time, patterns, placement.... etc.

The second goal is to practice using a coach card to declare difficulty in a routine.

For your information, the values for movements that you will eventually see in the difficulty table, calculator or coach card have been obtained by normalising current values inside our transitions categories. Bonus values have been assigned after internal testing by the Innovation Group according to the appreciated subjective difficulty and trying to be proportionate to the difficulty values of movements. Extensive testing will reveal the validity and adjustments will be applied if required.

We highly appreciate your participation in continued testing.



HYBRIDS

A hybrid is defined as having a combination of two or more movements performed with lower limbs with intentional apnea (head down under hips level). Horizonal movements along the surface with 1-2 lower limb actions that have consequential apnea (rolling over, kicking, etc.) are considered transitional movements.

Hybrid difficulty COMPONENTS are considered under three areas:

1. BASE MARK

NUMBER OF MOVEMENTS PERFORMED (NM) and TIME UNDERWATER (TU)

- **2. MOVEMENTS** that compose all transitions in a hybrid, grouped in "families" (see document "Artistic Swimming Difficulty System: The Description"), namely:
 - 1. THRUSTS (T)
 - 2. ROTATIONS (R)
 - 3. FLEXIBILITY (F)
 - 4. AIRBORNE WEIGHT (AW)
 - 5. CONNECTIONS (C)
- 3. Added difficulty factors specific to routines (BONUS)
 - 1. TRAVELING (TR)
 - 2. ANGLES (A)
 - 3. PLACEMENT (PL)
 - 4. SYNCHRONISATION (SY) (Number of swimmers performing same movement at same time)
 - 5. PATTERN CHANGES (PC)
 (Teams, Free Combination and Highlight Routine)

GENERAL PRINCIPLES

- a) When **Vertical Position (VP)** is indicated it includes variants of 2 legs close to vertical (legs can be up to 45° off from vertical)
- b) When a **Flexibility (F)**, **Airborne Weight (AW)** or **Connections (C)** movement is <u>repeated</u> during a hybrid it may be counted only two times taking always the highest values. For example: If there are three flexibility movements performed; 2 of Level 1 and 1 of Level 3, the value declared should be 1 x Level 1 + 1 x Level 3.
- c) Rotation (R) and Thrust (T) movements in levels 1-4 may be counted only two times per hybrid taking always the highest values. Each Rotation (R) and Thrust (T) movement of levels 5-9 adds its value regardless of the number of repetitions.
- d) If a **Rotation (R)** is declared (such as a Twist 360° with two legs) then Airborne Weight (AW) should not also be declared because the Twist already has the difficulty of Airborne Weight taken into consideration in its value.



- e) Regarding **bonus** repetitions during a hybrid: traveling is counted once per hybrid and each pattern change in a hybrid is counted either as a Simple Pattern Change (PC-S) or a Complex Pattern Change (PC-C) see page 11.
- f) In teams or duet: when a hybrid movement or bonused action is not performed by all team/duet members its value will be factored by *0.5 (half of swimmers included), or by *0.3 (less than half of swimmers included). This principle applies in pair actions where just one swimmer is performing an action while the other performs surface accompaniment (whether connected or not).

BASE MARK

Base Mark is the difficulty value that a hybrid has according to the time spent underwater (TU) and the number of movements performed (NM).

BM = NM + TU

These two parameters are common to all possible hybrids, from easiest to hardest.

If the Hybrid has no "Families" movements or Bonuses, the Base Mark is applied.

Video examples of Base Mark:

https://vimeo.com/641654114/75dfce51e3

*Note: when the symbol (") appears it means "seconds" and not inches.

1. NUMBER OF MOVEMENTS (NM)

- **Definition of a Hybrid Movement** = a definitive change in the position or direction of the lower limbs as mandated by the choreography of the routine.
- Spins: each ½ turn (180°) shall count as 1 movement
- Twists: each ½ turn (180°) shall count as 1 movement
- Twirls: each ½ turn (180°) shall count as 1 movement
- A "swirl" action counts as one movement from it's beginning to its clear stopping point or next clear action as momentum/force must be considered.
- Fast kick type actions (for example fast "tendu" like action similar to ballet: movement in ballet where the working leg is extended along the floor until only the tip of the toe remains touching the floor) shall count as 1 movement (i.e. there is a clear exertion of energy/muscle tension and then a recovery)
- When rotating and performing leg movements at the same time, only the rotations shall be counted.
- In regard to entries and exits:
 - Front Pike Pulldown the action of the body bending into the pike position is movement, with counting continuing from there
 - Entry from a Ballet Leg A Ballet Leg kick counts in the hybrid if used as an entry into the hybrid (kick up and then a Catalina like rotation, kick up and then into inverted tuck, etc.)





- No movements shall be counted underwater for example, a tuck from ankles at the end of a spin would count as one movement, however if the athlete(s) tuck when completely submerged no movement shall be counted
- In regard to "back-to-back" hybrids:
 - Shall be ONE hybrid if no breath is taken in between. For example, a hybrid is
 executed and then a front walkout ending appears to be taking place BUT the
 athlete(s) DO NOT break their face and breathe and instead tuck and continue
 with more movements. This is ONE hybrid, totalling all movements.
 - In comparison IF the athletes face(s) break the surface and they breathe in Back Layout the hybrid has ended, and if they continue into another hybrid it will be considered a separate hybrid with movements counted accordingly.
- In regard to **Cadence** (team hybrids only):
 - Each cadence movement shall count as 1 movement. You do not count the movements of each athlete as they all do the same action, but on their own counts.
- In regard to Duet, Mixed Duet or Team, there may be a difference in the number of movements executed by different athletes in one hybrid, however, the total number of movements of each athlete MUST be in the same Level. For example, in one team hybrid half of the athletes do 15 movements, and the other half do 18 movements this is all Level 2 (NM2), so this is permitted. What would not permissible is if half of the athletes do 18 movements (NM2) and half of the athletes do 22 movements (NM3). If the Technical Controller identifies a difference in levels the lower NM level will be applied to the Base Mark.
- Number of movements in a hybrid will be given credit in 4 categories:

• Level 1 (NM1) 6 movements or less

Level 2 (NM2)
 7-19 movements

• Level 3 (NM3) 20-29 movements

• Level 4 (NM4) 30+ movements

2. TIME UNDERWATER (TU)

- STAND-ALONE HYBRID:

Hybrid underwater time shall be timed from "breath to breath" – from taking entry breath to go under (pull down, arch back, body boost, etc.), to first surfacing breath after completing the hybrid (roll up from walkout, body boost, eggbeater surfacing, etc.)

ACRO/DIVE-IN INTO HYBRID:

In the case that a hybrid takes place in combination with an acrobatic movement/highlight OR from directly after the dive-in, the underwater time shall be counted from the first movement of the hybrid to the surfacing breath.

HYBRID FOLLOWED BY ACRO:

In the case that the hybrid takes place in combination with an acrobatic movement/highlight occurring directly after a hybrid, the underwater time shall be counted from taking the entry breath, to the last movement of the hybrid.



ATHLETES START OR END A HYBRID AT DIFFERENT TIMES:

If some of the athletes start the Hybrid earlier than the other athletes or end the hybrid later than others, the time underwater starts from the moment the first athlete(s) start the Hybrid and ends when the last athlete(s) finish the Hybrid. This is applicable to cadence and other instances of 4 and 4 or 2,2,2,2, etc.

- Time underwater will be given credit in 3 categories:

Level 1 (Short) – TU1 6 seconds or less

Level 2 (Medium) – TU2 7-15 seconds

Level 3 (Long) – TU3
 16 seconds and longer

FAMILIES OF MOVEMENTS

1. THRUSTS (T)

This group includes variations of thrusts.

When "Thrust" is stated it means two legs, otherwise one leg is stated.

A Thrust with flexibility (T4, T6 and T8) must exhibit flexibility at maximum height like Airborne Split Position or Vertical to Knight. A thrust with Airborne Split Position or a split variant must show body alignment under hips, as described in BP. Body alignment means: lower back arched, with hips, shoulders, and head on a vertical line. Split variants may not exhibit bent front legs, and only back legs that bend downward (not inward).

Video examples of Thrusts Family: https://vimeo.com/642471073/716a29df4b

a) Level 1

Thrust with crashing on the surface (means "not completed" thrust: From a Submerged Back Pike Position, a vertical upward movement of the legs and hips is rapidly executed as the body unrolls to assume a Vertical Position) and continues by "falling" on the surface)

b) Level 2

Thrust with one leg: Thrust with the Bent Knee Vertical Position or Thrust in a Fishtail position

c) Level 3

Thrust with one leg followed by rotation of Spin 360°

Thrust and vertical descent

Thrust may be followed by leg movements while descending

d) Level 4

Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility with any ending except crashing on the surface.

e) Level 5

Thrust followed by rotation of Spin 360° or Twirl 180° (During rotation, leg movements can be performed close to the vertical position).





f) Level 6

Thrust with flexibility followed by rotation of Spin 360°

g) Level 7

Thrust with rotation of Spin 720° and over. (Thrust continued by Spin or Continuous Spin)

h) Level 8

Thrust with flexibility followed by rotation of Spin 720° and over

i) Level 9

Thrust continued by catching (clearly stopping) in a Vertical Position above the knees or higher.

2. ROTATIONS (R)

This group includes all types of rotations: Twists, Spins, Twirls (as defined in AS Rulebook BM) and swirls (rotation performed in a pike position or other positions where body is not aligned with its vertical axis).

For **descending spins**, the definition of degrees is by the submersion of the toes, OR when the rotation has come to a complete stop.

For **ascending spins**, the definition of degrees begins when the toes break the water's surface, OR when the rotation begins.

For Twists - BM12 Twist Allowance applies.

For Spins - BM13 Spin Allowance applies.

Various modifications of leg positions during rotations are allowed.

Rotations with one leg includes Bent Knee Vertical Position, Fishtail, Crane, Knight and other position options.

Rotations with two legs includes Vertical Position "VP", Fishtail close to vertical, Arched VP and other positions where 2 legs are clearly visible close to the vertical line.

Joining/opening/bending/extending movements from Bent Knee VP/Fishtail to VP or VP to Bent Knee VP/Fishtail is considered in all "1 leg only" rotation classifications.

"Unbalanced 1 leg twists" is considered in all "1 leg only" rotation classifications.

A **Combined Spin** and a **Reverse Combined Spin** will be counted only in the case of the same number of descending and ascending or ascending and descending rotations with no stop.

A "**Two-Direction**" rotation (Spin or Twist) means a rotation in one direction, followed without a pause by an equal rotation in the opposite direction. For example:

• Two-Direction Twist 360° = a rotation of 180° in one direction followed without a pause by a rotation of 180° in the opposite direction.



- Two-Direction Twist 720° = a 360° rotation in one direction followed without a pause by a rotation of 360° in the opposite direction.
- Two-Direction Combined or Reverse Combined Spin 720° = a descending or ascending rotation of 720° followed without a pause by a descending or ascending rotation of 720° in the opposite direction.

If there are several rotations in a hybrid, it is recommended to separate them from each other by other movements (unless it is a Combined Spin). For example – If an R3 and R5 please put extra movements between them.

Twisting (any amount) or Twirling at the ankles (not considered as spin ending) will be credited as per number of movements.

Video examples of Rotations Family: https://vimeo.com/641650538/38beefa2fc

Rotations by Technique: https://vimeo.com/653441032/6659676c65

a) Level 1 includes rotations with one or two legs:

Swirl 180°-360°

Turning 180°-360° while doing other non-sustained or "up-down" actions such as:

- VP to Split repeating while rotating
- Fishtail to Pike repeating while rotating
- Bent Knee to Tuck while rotating
- Etc...
- b) Level 2 includes rotations with one or two legs:

Swirl 720°-1080°

Spin descending 180°

Twist 180° with 1 leg only

b) Level 3 includes rotations with one or two legs:

Swirl 1440°

Spin ascending 180°-360°

Spin descending 360°-720°

Twist or Twirl 180° with 2 legs

Twist 360° with 1 leg only

c) Level 4 includes rotations with one or two legs:

Spin ascending 720°-1080°

Spin descending 1080°-1440°

Twist 360° with 2 legs

d) Level 5 includes rotations with one or two legs:

Twist 720° with 1 leg

Spin ascending 1440° with 1 leg

Spin descending more than 1440° with 2 legs

Twist opening 360° Vertical Position to Split





Twirl 360° with **2 legs**Combined Spin 360°-720° with **1 leg**Reverse Combined Spin 360°-720° with **1 leg**

e) Level 6 includes rotations with one or two legs:

Combined Spin 360° with 2 legs

Reverse Combined Spin 360° with 2 legs

Two-Direction Combined or Reverse Combined Spin 360°-720° with 1 leg

Spin ascending 1440° with 2 legs

Twist 720° with 2 legs

Twist Closing 360° from Split to Vertical Position

f) Level 7 includes rotations with two legs only:

Combined Spin 720°

Reverse Combined Spin 720°

Two-Direction Combined or Reverse Combined Spin 360°

Twist 1080°

Unbalanced 360° Twist

Two-Direction Twist 360°

g) Level 8 includes rotations with two legs only:

Combined Spin 1080°

Reverse Combined Spin 1080°

Two-Direction Combined or Reverse Combined Spin 720°

Twist 1440°

Unbalanced 720° Twist

Two-Direction Twist 720°

h) Level 9 includes rotations with two legs only:

Combined Spin 1440°

Reverse Combined Spin 1440°

Two-Direction Combined or Reverse Combined Spin 1080°

Unbalanced 1080° Twist

3. FLEXIBILITY (F)

Difficulty increases with the inclusion of hybrid figures that require an extreme range of flexibility (bring a joint to its maximum range of motion), such as Walkouts, Nova lift, Aurora open, Knight and Split.

All positions should be shown with maximum strength in legs and a body position that demonstrates the flexibility of the athletes.

The duration of execution should be sufficient to clearly identify the difficulty by the technical controllers.

Video examples of Flexibility Family: https://vimeo.com/641660983/030337b7a6



a) Level 1

Rapid split by one leg from any position (such as Pike, Tub, Tuck, Inverted Tuck, Bent Knee VP, Fishtail, VP, etc.

b) Level 2

Clearly demonstrated split (held at least 1-2 seconds)

Walkout Front

Back Layout to Surface Arch or Bent Knee Surface Arch

c) Level 3

Ariana rotation or split variants at the surface with a demonstration of at least 2 different splits (Right, Left, Middle)

Split to Split through Vertical Position (changing legs)

d) Level 4

Front Layout to Surface Bent Knee Arch Position or a Split (Example – Swordfish like movement)

From Surface Arch Position to Knight or Split

Bent Knee Surface Arch to Bent Knee VP

e) Level 5

Knights: combinations of Knight positions

Knight to Fishtail (though Vertical Position)

Knight to Vertical Position

Sustained Knight Position

Bent Knee Surface Arch to Vertical Position

f) Level 6

Surface Arch to Vertical Position

4. AIRBORNE WEIGHT (AW)

Amount of body out of the water. This group includes:

Video examples of Airborne Weight Family: https://vimeo.com/642431079/aff60a114f

a) Level 1

Vertical descent in Bent Knee Vertical Position or Fishtail join to Vertical Position descending (not as part of a Thrust or a Spin)

Front Pike to Bent Knee VP or Fishtail

b) Level 2

Vertical descent in Vertical Position (not as part of a Thrust or a Spin) Front Pike to Vertical Position (porpoise action)

c) Level 3

Sustained height with one leg (Bent Knee Vertical Position or Fishtail) or combination of



one and two legs, lasting equal or more than 3 seconds

Vertical ascent in Vertical Position or Bent Knee Vertical Position (not as part of an ascending spin)

Descending or ascending Vertical Position performing isolated movements (one leg stays in a fixed position while the other performs movements with body in vertical alignment with fixed leg)

d) Level 4

Isolated movements performed in stable Fishtail Position and piked body position (legs over surface, 30 to 60° from vertical) lasting equal or more than 3 seconds. Any knee/leg movements performed credited in number of movements.

e) Level 5

Sustained height in Vertical Position lasting equal or more than 3 seconds

f) Level 6

Sustained height shown at least 3 seconds in Vertical Position performed in an unbalanced position. Any knee/leg movements performed credited in number of movements.

5. CONNECTIONS "C"

When swimmers join or link together, they create a "connection" action.

The swimmers must be touching in some manner during the performance of the connection action.

As per General Principle b) "if a Connections (C) movement is repeated during a hybrid it may be counted only two times taking always the highest values". A connection is declared once per connection (as per table) - it does not matter how many times the positions are changed, as they will be counted in number of movements.

Video examples of Connections Family: https://vimeo.com/641668503/d7f550cda4

a) Level 1

Pike Position at the surface of the water (connections on the surface of the water without lifting the feet from the water)

b) Level 2

One leg face-to-face connection

When swimmers are connected with one leg facing each other in any vertical position.

c) Level 3

One-leg back connection

When swimmers are connected with one leg back or to side of each other in any vertical position.

d) Level 4

Two-leg connection



When swimmers are connected with two legs facing, back or side to each other in any vertical position.

e) Level 5

Rotation vertical connection with one leg

When swimmers are connected with one leg facing, back or side to each other in any vertical position while performing a rotation of at least 180° at maximum height.

f) Level 6

Rotation vertical connection with two legs

When swimmers are connected with two legs facing, back or side to each other in any vertical position while performing a rotation of at least 180° at maximum height.



BONUS

Video examples of Bonuses: https://vimeo.com/643072561/751c0b1733

1. TRAVELING (TR)

Movement of all swimmers of 1.0m or more <u>during</u> the hybrid. If travel occurs only at the exit of the hybrid (walkout, torpedo/propellor, etc.) this does not count.

If the Hybrid starts at one point in the pool and finishes at another point in the pool, having covered 1.0m or more, then a traveling bonus will be awarded.

Any pattern changes taking place during the hybrid are not considered as traveling (see Bonus 5. Pattern Change).

The Traveling bonus may be awarded only once per hybrid.

2. ANGLES (A)

Angles are not considered for Solo, they may be credited as unbalanced positions in the difficulty table.

a) Simple Angles (A-S)

Simple angles are defined as angles performed with straight legs on the sagittal plane (forward or backward movements) or frontal plane (lateral or side-to-side movements), with one or two legs.

The hybrid shows angles but there is not more than 1 complex angle (see definition of complex angles below).

b) Complex Angles (A-C)

The hybrid shows 2 or more complex angles.

Complex angles are defined as:

- Large joint movements involving different axes and planes
- Positions where several joints are angled (toes, ankle, knee, hip...)
- Those hybrids that have micro movements of one of the joints (example knee)
- Those that involve a considerable displacement of the center of gravity or in continuous displacement
- Angles which involve unbalanced movements

3. PLACEMENT (PL)

Moment in routine time when the hybrid is performed. Bonus applied when a hybrid is performed during the last 20 seconds of the routine. The hybrid must begin within the last 20 seconds of the routine. For example, if an athlete's solo routine is 2:18 a hybrid can begin anytime as of 1:58 to earn the placement bonus.



4. SYNCHRONISATION (SY)

This bonus is applied for Teams only. Synchronisation of part or whole hybrid means that all athletes perform the same movements at the same time. Equal movements (same legs) in different directions (facing a different way) are considered synchronized movements.

Partial Synchronisation (SY-P or 2SY-P)

This bonus is awarded for a fully synchronized <u>part</u> of a hybrid that consists of <u>at least 7</u> <u>or more</u> movements. The bonus can be added not more than 2 times per hybrid.

Full Synchronisation (SY-F)

This bonus is awarded for a fully synchronized hybrid (a maximum of 3 asynchronous movements is allowed). The bonus is <u>only</u> awarded for hybrids with 7-19 (level 2), 20-29 (level 3) or 30+ (level 4) movements.

5. PATTERN CHANGE (PC)

Changes of formations made by the spatial relationship between members of a team.

Each pattern change in a hybrid is counted either as a Simple Pattern Change (PC-S) or a Complex Pattern Change (PC-C). For example, if a hybrid has 3 pattern changes and 2 are simple and 1 is complex the codes would be 2PC-S and 1PC-C in bonus section of the Coach Card.

a) Simple pattern change (PC-S)

Pattern changes where athletes can see each other and can control the accuracy of the pattern.

b) Complex pattern change (PC-C)

Changes from large patterns to compact patterns and from compact patterns to larger patterns.

Blind pattern changes where athletes cannot see each other while performing back or side pattern changes.

NOTE: Traveling of all athletes in the same direction while maintaining the pattern is not a pattern change - this is Traveling (see Bonus 1.)



HYBRID DIFFICULTY TABLE:

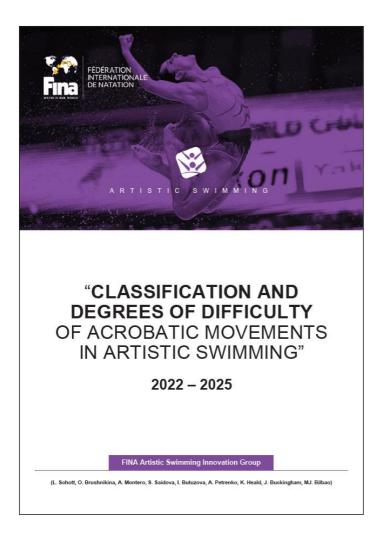
• Please see the end of the guide for printable Hybrid Difficulty Table (2 pages).



ACROBATICS:

For acrobatics difficulty please refer to the Acrobatics Catalogue.

This acrobatics information is needed to complete a routine's declared difficulty on the Coach Card for Team routines.





HOW DO ALL OF THESE DIFFICULTY COMPONENTS GO INTO A DECLARED DIFFICULTY CARD (COACH CARD)?

Now that we have introduced and explained the Hybrid Difficulty Table, and you have familiarized yourself with the Acrobatics catalog and calculator, we can provide an example of the declared difficulty card, or what we are calling in Artistic Swimming the "Coach Card".

The Coach Card is where the declared difficulty for a routine is detailed – Hybrids (Technical Required Elements and Free Hybrids) and Acrobatics. Transition parts will also be declared on the coach card (Time and Part column only) to assist with following the order of performance. Please find this template in full size as an appendix at the end of the document after the difficulty tables.

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| Event: | | | ☐ Solo Fre | e | | Male Solo Free | | Duet Free | ☐ Mixed D | uet Free |
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IMPORTANT - REGARDING DECLARED DIFFICULTY MOVEMENTS / COACH CARD:

It is very important that athletes perform movements as declared on the Coach Card AND in the order in which they are declared – otherwise a deduction will occur.

If the coach has declared a movement or bonus on the Coach Card and an athlete does not perform it at all (it is omitted), or does not perform it as declared (movement is different or in wrong order than declared) then the following shall occur:

For a Free Hybrid:

- Only the Base Mark value will be applied
- o For example, a routine hybrid is declared to have:
 - Base Mark of NM 7-19 (L2) and TU 7-15 sec (L2)
 - Thrust L3 (T3), Airborne Weight L3 (AW3), and a Rotation L4 (R4)
 - However, an athlete does not perform their R4 (for example a spin descending 1080°-1440°) and instead does a R3 (spin descending 360°-720°)
 - The routine will have only the Base Mark value of NM2 + TU2 applied for this hybrid (the value of T3+AW3+R4 will not be added)
 - Please note in duet or team if ONE athlete does not perform movement as declared the deduction will apply
- The hybrid declaration <u>must</u> be in the exact order that it appears in the hybrid chronologically – as above – First a T3, then AW3, then R4 occurs. IF this is incorrectly ordered on Coach Card vs what is done in the water, the deduction will apply.
- Please note when declaring Bonuses, it is asked that they are declared in order as per the Difficulty Table, considering first TR, then A, then PL, then SY, then PC.
- If the coach makes an error on the Base Mark declaration on the Coach Card the Difficulty Technical Controller panel will adjust.

For a Technical Required Element (TRE)

- In technical routines, a Technical Required Element will be declared as TRE1a or TREb, TRE2a or TRE2b, TRE3a or TRE3b, TRE4a or TRE4b, and TRE5a or TRE5b (note: in disciplines where there is only one option for an element no letter is included when declared on the Coach Card – for example "TRE3")
- Required Elements can be performed in any order however, athletes must perform the Technical Required Elements in the order as declared on the Coach Card or a penalty will be applied as per the rulebook.
- Please also note that additional movements can be added immediately before and after (breath to breath) Required Elements #1-5. Those movements will not add any extra difficulty nor will be considered as additional hybrids and therefore are not to be added to the Coach Card.

For an Acrobatic movement (Teams):

- The Base Mark will be applied which is the lowest value of each acrobatic group:
 - A: 0.75
 - B: 0.75
 - C: 0.65
 - P: 1.0



COACH CARD LEGEND:

Acrobatics Base Mark:

| Group A | ACRO-A | For Association places automatic code and the |
|---------|--------|--|
| Group B | ACRO-B | For Acrobatics please enter the acrobatic code and the |
| Group C | ACRO-C | DD value next to it in the "declared difficulty" column as |
| Group P | ACRO-P | per the catalogue/Acrobatics calculator |

^{**}Please refer to the Acrobatics Catalog for Acrobatics codes.

Hybrid Base Mark:

| News Law of Management (NIM) | NM1 | NM2 | NM3 | NM4 |
|------------------------------|-------------------|----------|----------|-----|
| Number of Movements (NM): | <u><</u> 6 | 7-19 | 20-29 | 30+ |
| | TU1 | TU2 | TU3 | |
| Time Underwater (TU): | <u><</u> 6 sec | 7-15 sec | 16 sec + | |

^{*}Please note Base Mark Values are to be confirmed.

Hybrid Families and Bonuses:

| Families (groups): | | Family + Level Codes: |
|--------------------|----|-----------------------|
| Thrusts | Т | T1 - T9 |
| Rotations | R | R1 - R9 |
| Flexibility | F | F1 - F6 |
| Airborne Weight | AW | AW1 - AW6 |
| Connections | С | C1 - C6 |

| Bonuses: | | Bonus Codes: |
|-----------------|----|--------------|
| Travelling | TR | TR |
| Angles | Α | A-S or A-C |
| Placement | PL | PL |
| Synchronisation | SY | SY-P or SY-F |
| Pattern Change | PC | PC-S or PC-C |

Technical Required Elements:

| Element 1 | Element 2 | Element 3 | Element 4 | Element 5 |
|-----------|-----------|-----------|-----------|-----------|
| TRE1a | TRE2a | TRE3a | TRE4a | TRE5a |
| TRE1b | TRE2b | TRE3b | TRE4b | TRE5b |

^{*}Note: in disciplines where there is only one option for an element, no letter is included – for example "TRE3"





EXAMPLE OF HOW TO FILL OUT THE COACH CARD (TECH ROUTINE):

| | PRELIMS Solo Tech | □ FINALS | | | | |
|----|-----------------------|---------------------------------|---|--|--|--|
| 1 | ☐ Solo Tech | <u> </u> | | | | |
| 1 | ☐ Solo Tech | <u> </u> | | | | |
| | | I I IVIAIE SUID LE | ch ם Duet | Tech | ☐ Mixed Duet T | |
| _ | ■ Solo Free | ☐ Male Solo Fro | | | | |
| | ☐ Team Tecl | | □ Highli | | □ Combo | |
| | | Duet Name B, Alt Na | | | | |
| | Buot Humo 71, | Buot Humo B, 7 m Hu | | | | |
| | ELEMENTS | IN ORDER OF PERF | ORMANCE | | | |
| EL | BASE MARK | DECLARED DIFFIC | ULTY | BON | IUS | TO |
| | mercic | | | | | \top |
| 1 | | TRE4a | | | | |
| | | | | | | _ |
| 2 | | TRE1a | | | | |
| _ | 11140 TUO | F0 11111 B0 B0 | | | | — |
| 3 | NM3 1U2 | F3 AW4 R6 R3 | | IR A | 1-8 | + |
| 4 | | TDEah | | + | | + |
| - | | TRE20 | | + | | +- |
| 5 | | TRF3a | | + | | +- |
| | | THEOU | | + | | +- |
| 6 | | TRE5b | | 1 | | \top |
| | | | | | | \top |
| 7 | NM4 TU3 | AW3 R4 F5 AW4 R3 | | TR A | A-C PL | |
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| | 1 2 3 4 5 | EL BASE MARK 1 2 3 NM3 TU2 4 5 | EL BASE MARK DECLARED DIFFIC 1 TRE4a 2 TRE1a 3 NM3 TU2 F3 AW4 R6 R3 4 TRE2b 5 TRE3a 6 TRE5b | 1 TRE4a 2 TRE1a 3 NM3 TU2 F3 AW4 R6 R3 4 TRE2b 5 TRE3a 6 TRE5b | EL BASE MARK DECLARED DIFFICULTY BON 1 TRE4a 2 TRE1a 3 NM3 TU2 F3 AW4 R6 R3 TR A 4 TRE2b 5 TRE3a 6 TRE5b | EL BASE MARK DECLARED DIFFICULTY BONUS 1 TRE4a 2 TRE1a 3 NM3 TU2 F3 AW4 R6 R3 TR A-S 4 TRE2b 5 TRE3a 6 TRE5b |





EXAMPLE OF HOW TO FILL OUT THE COACH CARD (FREE ROUTINE):

| FINA Memb | er Federati | on: | Example | | | | | | | | |
|------------------------|-----------------|-----|--------------|-------|-------|-------------------|------|----------|----------------|-----------|--|
| Competitio | n: | | FINA WORL | D SF | RIE | S | | | | | |
| | | | □ PRELIM | | | FINALS | | | | | |
| | | ł | □ Solo Tec | | | | | uet Tech | ☐ Mixed Duet | Duet Tech | |
| Event: | | } | □ Solo Free | | | | | | + | | |
| | | } | ☐ Team Tech | | | Male Solo Free | _ | uet Free | | Free | |
| | | - | | | _ | Team Free | шн | ighlight | □ Combo | | |
| Name of co | mpetitor(s) | : | Example | | | | | | | | |
| | | | FLEMENT | S IN | ORI | ER OF PERFOR | MANC | F | | | |
| | | | CCCMCNT | 3 114 | OIL | PER OF PERFOR | MANC | _ | | | |
| TIME | PART | EL | BASE MARK | | | RED DIFFICULTY | Y | BON | US | TO | |
| 0:10-0:16 | HYBRID | 1 | NM1 TU2 | R1 | T3 | | | A-S | 1PC-S | | |
| 0:17-0:27 | TRANS | _ | 1000 | | _ | | | | | _ | |
| 0:28-0:35 | ACRO | 2 | ACRO-A | A-S | q-B | ack-f1-s1 (1.95) | | | | _ | |
| 0:36-0:50 | TRANS | 3 | NIMO TUO | 414/ | r D | 4 F2 T4 | | TD.A | | \vdash | |
| 0:51-1:10 | HYBRID | 3 | NM3 TU3 | AVV | 5 K | 4 F3 T4 | | TR A | 1-0 | _ | |
| 1:11-1:20 | TRANS | _ | NINA TUA | | | | | 07/ 5 | | \vdash | |
| 1:21-1:26 | HYBRID | 4 | NM1 TU1 | C3 | | | | SY-F | • | ₩ | |
| 1:27-1:37 | TRANS | 5 | 400000 | - | | -4 (4.0) | | | | \vdash | |
| 1:38-1:45 | ACRO | 9 | ACRO-B | 8-8 | t-U-I | m1 (1.2) | | | | ⊢ | |
| 1:46-1:55 | TRANS | 6 | NM2 TU2 | E4.1 | F4 F | 2 414/2 | | A C (| DV D 2DC C | \vdash | |
| 1:56-2:06 2:07-2:10 | HYBRID TRANS | 0 | NWZ TUZ | FII | FIF | R3 AW3 | | A-5 : | SY-P 2PC-S | \vdash | |
| 2:11-2:20 | HYBRID | 7 | NM2 TU2 | D1 | D1 / | AW4 T1 | | ev E | 1PC-C | \vdash | |
| 2:21-2:25 | TRANS | , | INIVIZ 102 | KI | KI / | 1004 11 | | 31-1 | IFC-C | \vdash | |
| 2:26-2:30 | ACRO | 8 | ACRO-P | D.D |)_N_a | 3 (1.75) | | | | \vdash | |
| 2:31-2:35 | TRANS | - | ACITO-I | 1 -1 | -U-a | 3 (1.73) | | | | \vdash | |
| 2:36-2:42 | HYBRID | 9 | NM1 TU2 | R3 | AW/ | 3 F1 | | | | + | |
| 2:43-2:49 | TRANS | Ť | 14111102 | . 13 | | | | | | + | |
| 2:50-2:59 | ACRO | 10 | ACRO-C | T-T | hr>F | P>-Forw-m3-h (1.8 | 3) | | | \vdash | |
| 3:00-3:09 | TRANS | | 1 | | | | • | | | \vdash | |
| 3:10-3:27 | HYBRID | 11 | NM4 TU3 | R1 | R1 / | AW3 AW4 | | A-S | PL 2PC-S 1PC-C | T | |
| 3:28-3:30 | TRANS | | | | | | | | | | |
| | | | | | | | | _ | | \vdash | |
| | | | | | | | | | | | |
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DIFFICULTY CALCULATOR (EXCEL TEMPLATE - IN DEVELOPMENT)

A Difficulty Calculator integrated into a Coach Card (Excel template) is in development and will be released once all of the difficulty values are finalized.

The user can enter movements and bonuses as per the Hybrid Difficulty Table to calculate the difficulty for hybrids, as well as add in Technical Required Element values and Acrobatics values based on catalogue/Acrobatics calculator.

For Acrobatics, coaches should use the Acrobatics Calculator that is available online: https://www.synchroswim.com.ua/



HYBRID DIFFICULTY TABLE WITH DRAFT VALUES v. 14.07.2022



| Easi No. of Movements (MM): 6 or less movements 0.05 7-19 movements 0.1 20-29 movements 0.2 30+ movements 0.3 | WATER IS DUR WORLD | | | | | | | | | |
|--|--------------------|---|--|------|---|----------------|---|---|---------------------------------------|-----------------------|
| Traveling (TR) | BASE | | Level 1 | | Level 2 | | Level | 3 | Level 4 | |
| HYBRID BONUSES Bonuses: Traveling (TR) | MARK | No. of Movements (NM): | 6 or less movements | 0.05 | 7-19 movements | 0.1 | 20-29 movemer | nts 0.2 | 30+ movements | 0.3 |
| Bonuses: Traveling (TR) Simple (A-S) or Complex (A-C) Placement (PL) Hybrid in last 20 seconds Team only SV-P) or Full (SV-F) Simple (PC-S) Simple (PC-S) or Complex (PC-C) Simple (PC-S) or Complex (PC-C) Puril and (SV-F) or Complex (PC-C) Puril and | (BM) | Time Underwater (TU): | Short (6 sec. or less) | 0.05 | Medium (7-15 seconds) | 0.1 | Long (16 sec. or n | nore) 0.2 | - | |
| Rep/hybrid: Once per hybrid Once per hybrid Conce per hybrid Each in last 20 seconds Team only SY-P 2x (SY-F) at Every PC counted | | | Н | YBR | ID BONUSES | | | | | |
| 0.15 Simple: 0.05 Complex: 0.15 0.20 Partial: 0.1 Full: 0.5 Simple: 0.1 Complex: 0.3 | Bonuses: | | | C) | | nds | | | Pattern Chang Simple (PC-S) or Com | e (PC) olex (PC-C) |
| Family: Thrusts (T) Rotations (R) Flexibility (F) Rep/hybrid: L1-4 2x / L5-9 unlimited L1-4 2x / L5-9 unlimited 2x 2x 2x 2x 2x Cone or two legs: Swirl 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° while doing other non-sustained or 'up-down' actions' Turning 180°-360° whith 1 leg only Turning 180°-360° whith 1 leg only Turning 180°-360° pin descending 180°-720° Turning 180°-360° pin descending 180°-720° Turning 180°-360° whith 1 leg only Turning 180° | Rep/hybrid: | | . , , | | | ds | **Only for NM 7 | 7+ (L2-4) | <u> </u> | |
| Family: Thrusts (T) Rotations (R) Flexibility (F) 2x 2x 2x 2x 2x 2x 2x 2 | | 0.15 | Simple: 0.05 Complex: | 0.15 | 0.20 | | Partial: 0.1 | Full: 0.5 | Simple: 0.1 Cor | nplex: 0.3 |
| Level 1 Thrust with crashing Cheer two legs: Swirt 180°-360° while doing other non-sustained or "up-down" actions | | | | F | AMILIES | | | | | |
| Level 1 Thrust with crashing One or two legs: Swirt 180°-360° Turning 180°-360° Turning 180°-360° Twist 180° with 1 leg only Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Tspin 360° Thrust with one leg followed by rotation of Tspin 360° Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Tspin 360° Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Tspin 360° Thrust with one leg followed by rotation of Tspin 360° with 1 leg only Level 4 Level 4 Level 4 Level 4 Level 5 Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Spin 360° with 1 leg only One or two legs: Spin descending 360°-720° Twist 360° with 1 leg only Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg followed by rotation of Spin 720° or Twiff 180° Thrust with one leg follow | Family: | Thrusts (T) | Rotations (R) | | Flexibility (F) | | Airborne Weig | ght (AW) | Connections | (C) |
| Level 1 Thrust with crashing Swirl 180°-360° while doing other non-sustained soft "up-down" actions not spit (held at least 1-2 seconds) Walkout Front Back Layout to Surface Arch or Bent Knee Surface with a demonstration of a tleast 2 different spits (Right, Left, Middle) Thrust with one leg followed by rotation of Spin 360° with 1 leg only Thrust with one leg followed by rotation of Spin 720° or Twird 180° with 2 legs Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° Thrust with one leg followed by rotation of Spin 720° or Twird 180° | Rep/hybrid: | L1-4 2x / L5-9 unlimited | L1-4 2x / L5-9 unlimited | t | 2x | | 2x | | 2x | |
| Level 2 Thrust with one leg One or two legs: Swirl 720°-1080° Spin descending 180° Twist 180° with 1 leg only One or two legs: Swirl 720°-1080° Spin descending 180° Twist 180° with 1 leg only One or two legs: Swirl 1440° Spin ascending 360°-720° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Thrust with one leg followed by rotation of Spin 360° with 1 leg only One or two legs: Swirl 1440° Spin ascending 360°-720° Twist 360° with 1 leg only Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility Clearly demonstrated split (held at least 12 seconds) Walkout Front Back Layout to Surface Arch or Split variants at the surface with a demonstration of a least 2 different splits (Right, Left, Middle) Split to Split through VP (changing legs) One leg face-to-face connection One leg face-to-face connection or split Vertical descent in VP Front Pike to Vertical Descent on the leg followed by retain or a fact or begin to a combination or one and two legs lasting equal or more than 3 seconds Vertical ascent in VP or Bent Knee VP Descending or ascending VP performing isolated movements Pront Layout to Surface Bent Knee Arch Position to Knight or Split Bent Knee Arch Position to Split or Split Bent Knee Surface Arch to Second or More were table or more than 3 seconds. Any knee/leg movements performed or steble or no or more than 3 seconds. Any knee/leg movements performed or more than 3 seconds. Any knee/leg movements or defined on no or more than 3 seconds. Any knee/ | Level 1 | Thrust with crashing | Swirl 180°-360° Turning 180°-360° while doing | | any position (such as Pik Tub, Tuck, Inverted Tuck Bent Knee VP, Fishtail, V | e, , | VP or Fishtail join Front Pike to Bent | to VP | | surface of |
| Level 2 Thrust with one leg Swirt 720°-1080° Spin descending 180° Twist 180° with 1 leg only One or two legs: Spin ascending 180°-Spin descending 180° Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Twirt 180° with 1 leg only Thrust with one leg followed by rotation of Spin 720° or Twirt 180° with 2 legs Thrust with one leg followed by rotation of Spin 720° or Twirt 180° Thrust with flexibility Thrust with one leg followed by rotation of Spin 720° or Twird 180° with 2 legs Thrust with flex | | 0.15 | 0.15 | | 0.05 | | 0.05 | | 0.05 | |
| Level 3 Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent One or two legs: Swirl 1440° Spin ascending 180°-360° Thrust and vertical descent Thrust and vertical descent One or two legs: Swirl 1440° Spin ascending 360°-720° Twist or Twirl 180° with 2 legs Twist 360° with 1 leg only Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility Thrust with flexibility One or two legs: Swirl 1440° Spin ascending 180°-360° Spin ascending 360°-720° Twist 180° with 2 legs Twist 360° with 2 legs One or two legs: Swirl 1440° Spin ascending 180°-360° Spin through VP (changing legs) One leg back connection None leg followed by rotation of spin 720° or Twirl 180° Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility Thrust with flexibility One or two legs: Spin ascending 720°-1080° Spin descending 1080°-1440° Twist 360° with 2 legs Twist 360° with 2 legs One or two legs: Spin ascending 720°-1080° Spin descending 1080°-1440° Twist 360° with 2 legs Twist 360° with 2 legs Ariana rotation or split variants at the surface with a demonstration of at least 2 different splits (Right, Left, Middle) Split through VP (changing legs) Descending or ascending VP performing isolated movements Pront Layout to Surface Bent Knee Arch Position to Knight or Split From Surface Arch Position to Knight or Split Position and piked body position (legs over surface, 30-60° from vertical) lasting equal or more than 3 seconds. Any knee/leg movements performed credited in n° of movements | Level 2 | Thrust with one leg | Swirl 720°-1080° Spin descending 180° | | (held at least 1-2 seconds Walkout Front Back Layout to Surface A | s) .rch | | | • | |
| Level 3 Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent Thrust with one leg followed by rotation of Spin 360° Thrust and vertical descent One or two legs: Swirl 1440° Spin ascending 180°-360° Spin descending 360°-720° Twist or Twirl 180° with 2 legs Twist 360° with 1 leg only Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility Thrust with flexibility One or two legs: Swirl 1440° Spin ascending 360°-720° Spin descending 360°-720° Spin tescending 180°-360° Spin tescending 360°-720° Spin tescending 360°-720° Spin tescending 40°-720° Spin tescending 720°-1080° Spin ascending 720°-1080° Spin ascending 720°-1080° Spin descending 1080°-1440° Thrust with flexibility Twist 360° with 2 legs One or two legs: Spin ascending 720°-1080° Spin descending 720°-1080° Spin descending 1080°-1440° Thrust with flexibility Two-legs connection Two-legs connection Spin descending 1080°-1440° Thrust with flexibility Two-legs connection | | 0.30 | 0.35 | | 0.10 | | | | 0.15 | |
| Level 4 Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility Thrust with flexibility One or two legs: Spin ascending 720°-1080° Spin descending 1080°-1440° Thrust with flexibility Twist 360° with 2 legs One or two legs: Spin ascending 720°-1080° Spin descending 1080°-1440° Thrust with flexibility Twist 360° with 2 legs One or two legs: Spin ascending 720°-1080° Spin descending 1080°-1440° Thrust with flexibility Two-legs connection | Level 3 | by rotation of Spin 360° | Swirl 1440° Spin ascending 180°-360° Spin descending 360°-720° Twist or Twirl 180° with 2 legs | | variants at the surface wi demonstration of at least different splits (Right, Lef Middle) Split to Split through VP | 2 | one leg or a comb one and two legs I equal or more than Vertical ascent in V Knee VP Descending or asc performing isolated | ination of asting n 3 seconds VP or Bent cending VP | One leg back connec | ction |
| Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Thrust with flexibility Thrust with flexibility One or two legs: Spin ascending 720°-1080° Spin descending 1080°-1440° Thrust with flexibility Thrust with flexibility Thrust with one leg followed by rotation of Spin 720° or Twirl 180° Spin ascending 1080°-1440° Spin descending 1080°-1440° Thrust with flexibility Twist 360° with 2 legs Trwo-legs connection Two-legs connection Two-legs connection Two-legs connection Two-legs connection Tow-legs connection | | 0.35 | 0.45 | | 0.15 | | | | 0.20 | |
| | Level 4 | by rotation of Spin 720° or Twirl 180° | Spin ascending 720°-1080° Spin descending 1080°-1440° | | Knee Arch Position or a S From Surface Arch Positi Knight or Split Bent Knee Surface Arch | Split on to | performed in stabl Position and piked position (legs over 30-60° from vertica equal or more than seconds. Any knee movements perfor | e Fishtail I body r surface, al) lasting n 3 e/leg med | | |
| | | 0.40 | 0.55 | | 0.20 | | | | 0.25 | |

| Levels | Thrusts (T) | Rotations (R) | Flexibility (F) | Airborne Weight (AW) | Connections (C) |
|---------|--|---|--|---|--|
| Level 5 | Thrust followed by rotation of Spin 360° or Twirl 180° | One or two legs: Twist 720° with 1 leg Spin ascending 1440° with 1 leg Spin descending more than 1440° with 2 legs Twist opening 360° VP to Split Twirl 360° with 2 legs Combined Spin 360°-720° with 1 leg Reverse Combined Spin 360°-720° with 1 leg | Knights: combinations of Knight positions Knight to Fishtail (through VP) Knight to VP Sustained Knight Position Bent Knee Surface Arch to Vertical Position | Sustained height in VP lasting equal or more than 3 seconds | Rotation vertical connection with one leg |
| | 0.45 | 0.60 | 0.25 | 0.30 | 0.30 |
| Level 6 | Thrust with flexibility followed by rotation of Spin 360° | One or two legs: Combined Spin 360° with 2 legs Reverse Combined Spin 360° with 2 legs Two-Direction Combined or Reverse Combined Spin 360°-720° with 1 leg Spin ascending 1440° with 2 legs Twist 720° with two legs Twist Closing 360° from Split to VP | Surface Arch to VP | Sustained height shown at least 3 seconds in VP performed in an unbalanced position. Any knee/leg movements performed credited in no of movements | Rotation vertical connection with two legs |
| | 0.50 | 0.65 | 0.30 | 0.40 | 0.40 |
| Level 7 | Thrust with rotation of Spin 720° and over | Two legs only: Combined Spin 720° Reverse Combined Spin 720° Two-Direction Combined or Reverse Combined Spin 360° Twist 1080° Unbalanced 360° Twist Two-Direction Twist 360° | | | |
| | 0.55 | 0.70 | | | |
| Level 8 | Thrust with flexibility followed by rotation of Spin 720° and over | Two legs only: Combined Spin 1080° Reverse Combined Spin 1080° Two-Direction Combined or Reverse Combined Spin 720° Twist 1440° Unbalanced 720° Twist Two-Direction Twist 720° | | | |
| | 0.60 | 0.75 | | | |
| Level 9 | Thrust continued by catching a sustained Vertical Position | Two legs only: Combined Spin 1440° Reverse Combined Spin 1440° Two-Direction Combined or Reverse Combined Spin 1080° Unbalanced 1080° Twist | | | |
| | 0.65 | 0.80 | | | |



COACH CARD



Please fill in with type or write in capital letters!

| | nber Feder | ation: | | | | | | | | | | | |
|-----------|------------|--------|---|--------------|-----|-----|----------------|----|-----|---------|-----|---------|----------|
| Competiti | on: | | | | | | | | | | | | |
| | | | | PRELIM | IS | | FINALS | | | | | | |
| Frant. | | | | Solo Ted | ch | | Male Solo Tech | | Du | et Tech | | Mixed [| Duet Tec |
| Event: | | | | Solo Fre | e | | Male Solo Free | | Du | et Free | | Mixed [| Duet Fre |
| | | | | Team Te | ech | | Team Free | | Hig | hlight | | Combo | |
| Name of c | ompetitor | (s): | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | Е | LEMENT | SIN | ORI | DER OF PERFOR | MA | NCE | | | | |
| TIME | PART | EL | | BASE WARK | DEC | LA | RED DIFFICULTY | | | ВО | NUS | | T |
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