SOLO TECHNICAL REQUIRED ELEMENTS

1B - Thrust Spinning 360° / DD - 2.1

2B – Combined Spin 720° – Continuous Spin 1080°

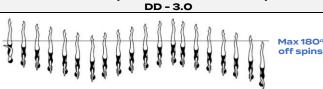
January 2025

1A - Thrust Continuous Spin 720° / DD - 2.7 Max 180 off spin 2A – Combined Spin 1080° – Continuous Spin 1080°

From a Submerged Back Pike Position, legs with the perpendicular to the surface, a Thrust Continuous Spin 720° (2 rotations) is executed.



From a Submerged Back Pike Position, with the legs perpendicular to the surface, a Thrust Spinning 360° (1 rotation) is executed.

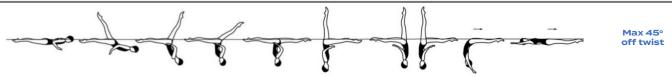


DD - 2.7 Max 180° off spins

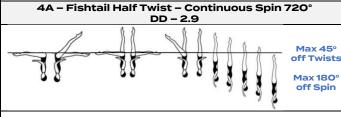
From a Vertical Position a Combined Spin of 1080° is executed (3 rotations + 3 rotations). Continuing in the same direction and without a pause a Continuous Spin 1080° (3 rotations) is executed.

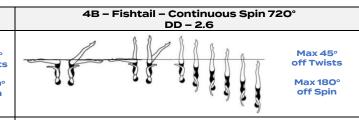
From a Vertical Position a Combined Spin of 720° is executed (2 rotations + 2 rotations). Continuing in the same direction and without a pause a Continuous Spin 1080° (3 rotations) is executed.

3 - Swordfish Straight Leg - Knight / DD - 3.2



From a Front Layout Position, the back arches as one leg is lifted in a 180° arc over the surface to a Split Position. A hip rotation of 180° is executed as the front leg is rapidly raised to assume a **Fishtail Position**. Maintaining the vertical alignment of the body and with accelerating speed, the foot of the horizontal leg is moved in a horizontal arc of 180° at the surface to a Knight Position and with continuous motion and continuing in the same direction an additional 180° rotation is executed. The vertical leg is lowered to a Surface Arch Position and with continuous motion an Arch to Back Layout Finish Action is executed.



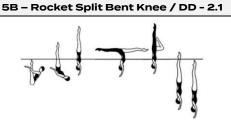


From a Front Pike Position, a rotation of 360° is executed as one leg is lifted to a Fishtail Position. Continuing in the same direction a Half Twist in a Fishtail Position is executed. Continuing in the same direction another rotation of 360° is executed, as the horizontal leg is lifted to a **Vertical Position**. Continuing in the same direction, a *Continuous Spin of 720*° (2 rotations) is executed.

From a Front Pike Position, a rotation of 360° is executed as one leg is lifted to a Fishtail Position. Continuing in the same direction another rotation of 360° is executed, as the horizontal leg is lifted to a Vertical Position. Continuing in the same direction a Continuous Spin of 720° (2 rotations) is executed.

May 90° off spin

5A – Rocket Split Bent Knee Joining 360° / DD - 2.4



From a Submerged Back Pike Position, with the legs perpendicular to the surface, a Thrust is executed to a Vertical Position. Maintaining maximum height, the legs are split rapidly to assume an Airborne Split Position. The back leg is rapidly lifted to vertical and the front leg bends to assume a **Bent Knee Vertical Position**. A rapid 360° Spin is executed as the bent knee is extended to a Vertical **Position** completed as the ankles reach the surface of the water followed by a Vertical Descent at the same tempo as the Thrust

From a Submerged Back Pike Position, with the legs perpendicular to the surface, a Thrust is executed to a Vertical Position Maintaining maximum height, the legs are split rapidly to assume an Airborne Split Position. The back leg is rapidly lifted to vertical and the forward leg bends to assume a Bent Knee Vertical Position. A Vertical Descent is executed with the bent knee extended to a Vertical Position completed as the ankles reach the surface of the water, followed by a Vertical Descent at the same tempo as the Thrust.

Other requirements: One (1) additional hybrid must be performed

Allowances: Twist/Twirl - up to 1/4 less or more / Continuous Spin = 180° less or more Other Spins = up to 1/4 less or more: 180° = 45°, 360° = 90°, 720° = 180°

SOLO TECHNICAL REQUIRED ELEMENTS January 2025

COMMON ZERO POSSIBILITIES

1B - Thrust Spinning 360° / DD - 2.1 1A - Thrust Continuous Spin 720° / DD - 2.7 Spin allowance 180° Spin allowance ¼ less less or more in Spin or more in Spin 360° (90°) = 270° needs to 720° = 540° needs to be completed to the be completed to the ankles. For ex. If athlete thrusts, spins 180 to ankles. İf athlete thrusts, spins 360 to ankles, then twists 360 ankles, then twists 180 at ankles, this is a zero at ankles, this is a zero Stopping at ankles Continuing to spin after after 720° and doing Spinning 360° vertical descent Tucking from the Tucking from the ankles ankles 2A - Combined Spin 1080° - Continuous Spin 1080° 2B – Combined Spin 720° – Continuous Spin 1080° DD - 3.0 DD - 2.7 Unequal number of rotations in Combined Spin Unequal number of rotations in the Combined Spin Spin allowance 180° less or more in Cont. Spin 1080° Spin allowance 180° less or more in Cont. Spin 1080° If they fail to continue all spins in same direction or If they fail to continue all spins in same direction or change direction change direction Stopping at ankles after Continuous Spin and doing Stopping at ankles after Continuous Spin and descending / or tucking from the ankles vertical descent / or tucking from the ankles - Swordfish Straight Leg - Knight / DD - 3.2 At beginning if a Pike is executed instead of arching as one leg is lifted A minimum Split Position of 90° (0.1-2.9) not achieved Rotating in the wrong direction after the Knight Position Twist allowance ¼ less or more of 180° in Knight Position (45°) 4A – Fishtail Half Twist – Continuous Spin 720° 4B – Fishtail – Continuous Spin 720° DD - 2.6 DD - 2.9 Rotation allowance of 1/4 in 360° (90°), 180° (45°) and Rotation allowance ¼ less or more in 360° rotations 360° (90°) rotations (90°) Rotating in the wrong direction (they fail to continue in Rotating in the wrong direction (they fail to continue in the same direction) the same direction) Spin allowance 180° less or more in Cont. Spin 720° Spin allowance 180° less or more in Cont. Spin 720° Stopping at ankles after completing 720° Spin and Stopping at ankles at end of 720° Spin and descending or tucking from the ankles descending / or tucking from the ankles 5A - Rocket Split Bent Knee Joining 360° / DD - 2.4 5B - Rocket Split Bent Knee / DD - 2.1 A min. split position of 90° (0.1- 2.9) is not achieved Incorrect leg bending into Bent Knee Vertical Position A min. split position of 90° (0.1- 2.9) is not achieved Spin allowance of 1/4 in 360° Spin (90°) Incorrect leg bending into Bent Knee Vertical Position Remaining in a Bent Knee Vertical during 360° Spin Not extending bent leg in vertical descent Continuing the spin after the 360° Spin Tucking from the ankles

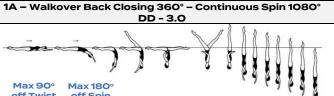
Tucking from the ankles

DUET TECHNICAL REQUIRED ELEMENTS

1B - Walkover Back Closing 180° - Continuous Spin 720°

DD - 2.5

January 2025



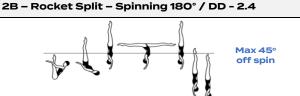
Max 459 Max 180° off Spin off Twist off Spin

From a **Back Layout Position** a *Surface Arch Position is assumed*. One leg is lifted in a 180° arc over the surface to a **Split Position**. A rotation of 360° is executed, as the legs symmetrically close to a Vertical Position. Continuing in the same direction a Continuous Spin of 1080° (3 rotations) is executed.

From a Back Layout Position a Surface Arch Position is assumed. One leg is lifted in a 180° arc over the surface to a **Split Position**. A rotation of 180° is executed, as the legs symmetrically close to a **Vertical Position**. Continuing in the same direction a Continuous Spin of 720° (2 rotations) is executed.

2A - Rocket Split Alternating Legs - Spinning 180° DD - 2.8





Max 90 off

From a Submerged Back Pike Position, with the legs perpendicular to the surface, a Thrust is executed to a Vertical Position. Maintaining maximum height, the legs are split rapidly to assume two alternating Airborne Split Positions. The legs rapidly re-join to a Vertical Position. A rapid 180° Spin is executed.

From a Submerged Back Pike Position, with the legs perpendicular to the surface, a Thrust is executed to a Vertical Position. Maintaining maximum height, the legs are split rapidly to assume an Airborne Split Position. The legs rapidly re-join to Vertical Position. A rapid 180° Spin is executed

3– Flamingo Bent Knee rollback - Join to VP – Half Twist – 360° open to Split – Walkout/DD – 3.1



Max 909

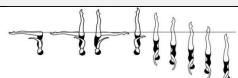
off Full Twist

Max 180

off Spin

From a Surface Ballet Leg Position, the shin of the horizontal legs drawn along the surface of the water to assume a Surface Flamingo Position. With the ballet leg maintaining its vertical position, the hips are lifted as the trunk unrolls, while the bent leg moves to a Bent Knee Vertical Position. The bent leg is extended to a Vertical Position. A Half Twist is executed. Continuing in the same direction and without a pause, an additional rotation of 360° is executed as the legs are symmetrically opened to assume a Split Position. A Walkout Front is executed.





4B - Fishtail - Knight - Continuous Spin 720° / DD - 2.7

Max 45° off Half Twist Max 180° off Spin

From a Front Pike Position one leg is lifted to a Fishtail Position. The horizontal leg is rapidly lifted through an arc of 180° to assume a Knight Position. A rapid Full Twist is executed as the horizontal leg is lifted to a Vertical Position.

From a Front Pike Position one leg is lifted to a Fishtail Position. The horizontal leg is rapidly lifted through an arc of 180° to assume a Knight Position. A rapid Half Twist is executed as the horizontal leg is lifted to a Vertical Position. Continuing in the same direction a Continuous Spin 720° (2 rotations) is executed.

5B - Thrust - Bent Knee Twirl / DD 2.1

as the Thrust.

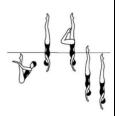
(3 rotations) is executed 5A - Thrust Bent Knee Twirl Spin 360° / DD - 2.3

Continuing in the same direction a Continuous Spin 1080



Max 45 Max 90° off Spin

From a Submerged Back Pike **Position**, with the legs perpendicular to the surface, a *Thrust* is executed to a Vertical Position. One leg is lowered to a Bent Knee Vertical Position as a Twirl is executed. Continuing in the same direction and without a pause a rapid 360° Spin is executed as the bent knee is extended to join the vertical leg in a Vertical Position completed as the ankles reach the surface of the water, followed by a Vertical Descent at the same tempo as the Thrust.



off Twirl

From a Submerged Back Pike Position, with the legs perpendicular to the surface, a Thrust is executed to a Vertical Position. One leg is lowered to a Bent Knee Vertical Position as a Twirl is executed. Without a pause a Vertical Descent is executed as the bent knee is extended to join the vertical leg in a Vertical Position completed as the ankles reach the surface of the water, followed by a Vertical Descent at the same tempo

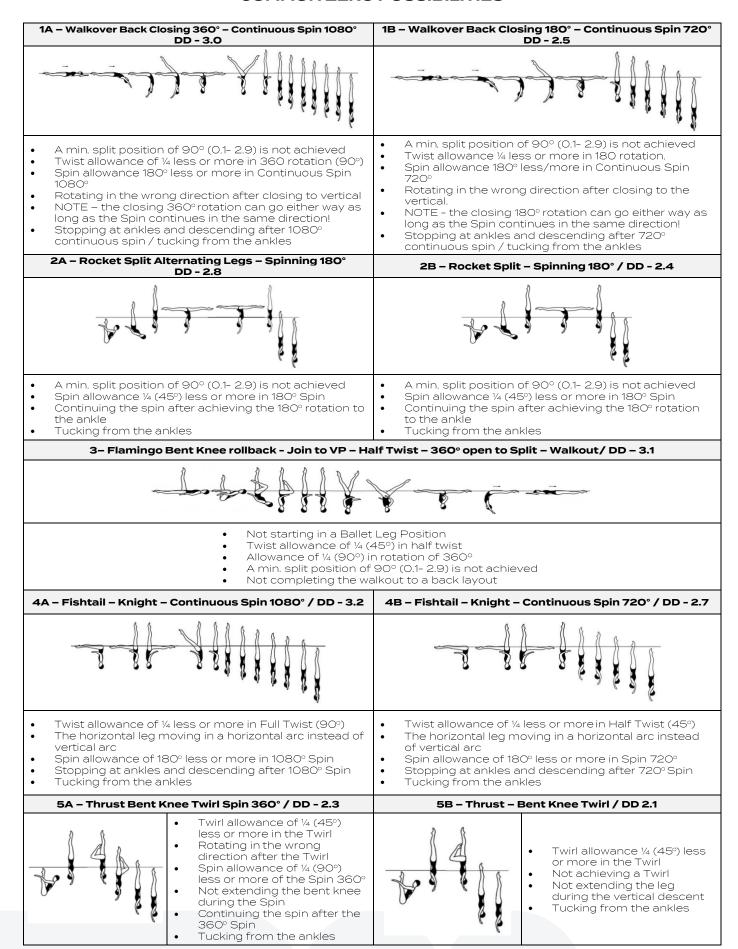
Other requirements: One (1) additional hybrid and one (1) Pair Acrobatic must be performed

Allowances: Twist/Twirl – up to $\frac{1}{4}$ less or more / Continuous Spin = 180° less or more Other Spins = up to ¼ less or more: 180° = 45°, 360° = 90°, 720° = 180°

DUET TECHNICAL REQUIRED ELEMENTS

January 2025

COMMON ZERO POSSIBILITIES



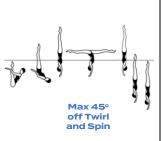


MIXED DUET TECHNICAL REQUIRED ELEMENTS

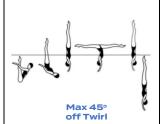
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1A - Rocket Split Twirl Spin 180° / DD - 2.7

1B - Rocket Split Twirl / DD - 2.5

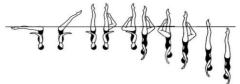


From a **Submerged Back Pike Position**, with the legs
perpendicular to the surface, a *Thrust* is executed to a **Vertical Position**. Maintaining maximum
height, the legs are split rapidly
to assume an **Airborne Split Position**. A *Twirl* is executed, as
the legs symmetrically close to a **Vertical Position**. Continuing in
the same direction a rapid 180°
Spin is executed.



From a Submerged Back Pike Position, with the legs perpendicular to the surface, a Thrust is executed to a Vertical Position. Maintaining maximum height, the legs are split rapidly to assume an Airborne Split Position. A Twirl is executed, as the legs symmetrically close to a Vertical Position.
2A - Front Pike - Vertical 360° Rotation - Full Twist to Bent Knee - Continuous Spin 720° / DD 2.4

2B – Front Pike – Vertical 180° Rotation – 1/2 Twist to Bent Knee – Continuous Spin 720° / DD 2.2



Max 90° off Full Twist Max 180° off Spin



Max 45° off Half Twist

Max 180° off Spin

From a **Front Pike Position**, the legs are lifted to **Vertical Position** as a rotation of 360° is executed. Continuing in the same direction a *Full Twist* is executed as one leg is lowered to a **Bent Knee Vertical Position**. Continuing in the same direction a *Continuous Spin 720*° (2 rotations) is executed as the bent knee is extended to join the vertical leg to a **Vertical Position** completed as the ankles reach the surface of the water and continues through submergence.

From a **Front Pike Position**, the legs are lifted to **Vertical Position** as a rotation of 180° is executed. Continuing in the same direction a *Half Twist* is executed as one leg is lowered to a **Bent Knee Vertical Position**. Continuing in the same direction a *Continuous Spin 720*° (2 rotations) is executed as the bent knee is extended to join the vertical leg to a **Vertical Position** completed as the ankles reach the surface of the water and continues through submergence.

3 - Manta Ray Half Twist / DD 3.0



Starting from a **Back Layout Position** a *Ballet Leg is assumed*, and the shin of the horizontal leg is drawn along the surface of the water to assume a **Surface Flamingo Position**, traveling headfirst. With the ballet leg maintaining its vertical position, the hips are lifted as the trunk unrolls while the bent leg straightens with the knee at the surface of the water to assume a **Fishtail Position**. The horizontal leg is lifted to a **Vertical Position**, as the body rotates 180°. The direction of the 180° rotation is closing externally the horizontal leg. (Note: A right flamingo start requires the left shoulder back during the 180° rotation and a left flamingo start requires the right shoulder back during the 180° rotation). The legs are lowered rapidly simultaneously to a **Bent Knee Surface Arch Position**. (Note: The Bent Knee Surface Arch Position can be assumed by using either leg). The bent knee is straightened to a **Surface Arch Position** and with continuous motion, an *Arch to Back Layout Finish Action* is executed.

Other requirements: One (1) Free Hybrid, One (1) Required Hybrid (must contain only one Thrust declaration and 2 different Connection declarations), Two (2) Pair Acro (free choice but must not repeat the same acrobatic), 3 declared Sustained Surface Connections ("SuCon") with travel (1m or more) or rotation (1800 or more)

Allowances: Twist/Twirl – up to $\frac{1}{4}$ less or more / Continuous Spin = 180° less or more Other Spins = up to $\frac{1}{4}$ less or more: 180° = 45°, 360° = 90°, 720° = 180°



COMMON ZERO POSSIBILITIES

1A - Rocket Split Twirl Spin 180° / DD - 2.7 1B - Rocket Split Twirl / DD - 2.5 Allowance of 1/4 less or more in the Twirl (45°) A minimum split position of A minimum split position 90° (0.1-2.9) is not achieved of 90° (0.1-2.9)is not The Twirl not being achieved achieved (a 180° Spin) Allowance of 1/4 less or Spin allowance of 1/4 less or more in the Twirl (45°) more in Spin 180° (45°) The Twirl not being NOTE: the Twirl can go in achieved (a 180° Spin) either direction as long as the Spin continues in the same direction 2A - Front Pike - Vertical 360° Rotation - Full Twist to 2B - Front Pike - Vertical 180° Rotation - 1/2 Twist to Bent Knee - Continuous Spin 720° / DD 2.4 Bent Knee - Continuous Spin 720° / DD 2.2 Twist allowance of 1/4 in 180° rotation and the Half Twist allowance of 1/4 less or more in 360° rotation and Full Twist (45°) Spin allowance of 180° less or more in Continuous Twist (90°) Spin allowance of 180° less or more in Continuous Spin Spin 720° 720° Rotating in the wrong direction after the 180° rotation Rotating in the wrong direction after the 360° rotation and Half Twist and Full Twist Not extending the bent leg during the Spin 720° Tucking from the ankles Stopping at ankle and descending after the Spin 720° / Tucking from the ankles

3 - Manta Ray Half Twist / DD 3.0



- Not starting in a back layout
- Allowance of ¼ (45°) in 180° rotation
- Rotating in the wrong direction from Fishtail position to Vertical
- Not finishing in a back layout
- Bent Knee Surface arch being completely underwater

TEAM TECHNICAL REQUIRED ELEMENTS

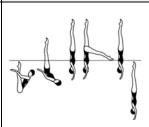
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1A - Flying Fish Hybrid Spinning 180° / DD - 2.5

Max 45° off spin

From a Submerged Back Pike Position with the legs perpendicular to the surface, a Thrust is executed to a Vertical Position and with no loss of height one leg is rapidly lowered to an airborne Fishtail Position. Without a pause the horizontal leg is rapidly lifted to a Vertical Position, followed by a rapid 180° Spin.

1B - Flying Fish Hybrid / DD - 2.3



From a **Submerged Back Pike Position** with the legs
perpendicular to the surface, a *Thrust* is executed to a **Vertical Position** and with no loss of
height one leg is rapidly lowered
to an airborne **Fishtail Position**.
Without a pause the horizontal
leg is rapidly lifted to a **Vertical Position** followed by a *Vertical Descent*

2A – Vertical – Full Twist to Bent Knee – Full Twist to Vertical – Open 180° – Walkout / DD - 2.6



2B – Vertical – Half Twist to Bent Knee – Half Twist to Vertical – Split – Walkout / DD - 2.3

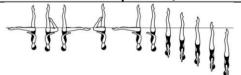


Starting in a **Vertical Position**, a *Full Twist* is executed as one leg is lowered to a **Bent Knee Vertical Position**. Continuing in the same direction another *Full Twist* is executed, as the bent knee is extended to a **Vertical Position**. Continuing in the same direction a *Half Twist* is executed as the legs are symmetrically lowered to a **Split Position**. A *Walkout Front* is executed.

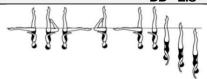
Starting in a **Vertical Position**, a *Half Twist* is executed as one leg is lowered to a **Bent Knee Vertical Position**. Continuing in the same direction another *Half Twist* is executed, as the bent knee is extended to a **Vertical**

Position. The legs are symmetrically lowered to a Split Position. A Walkout Front is executed.

3A – Two Fouetté Rotations – Vertical – Continuous Spin 720° / DD – 2.6



Max 45° off Half Twists, Max 180° off Spin 3B – Two Fouetté Rotations – Vertical –Spinning 360° DD - 2.3



Max 45° off Half Twists, Max 90° off Spin

From a **Fishtail Position**, 2 Fouetté rotations (180°+180°) are executed. The horizontal leg is rapidly lifted to a **Vertical Position**. Continuing in the same direction a *Continuous Spin of 720°* (2 rotations) is executed.

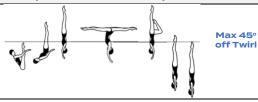
From a **Fishtail Position**, 2 Fouetté rotations (180°+180°) are executed. The horizontal leg is rapidly lifted to a **Vertical Position**. Continuing in the same direction, a rapid *Spinning 360*° (1 rotation) is executed.

4 - Butterfly Hybrid / DD - 2.9

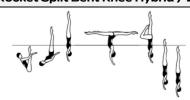


The Butterfly Hybrid is to be performed rapidly. From a **Front Pike Position**, one leg is lifted to a **Fishtail Position**. The horizontal leg is lifted through an arc of 180° as the vertical leg is lowered to assume a **Split Position**. Without a pause a hip rotation of 180° is executed as the front leg is raised to assume a **Fishtail Position**. Continuing in the same direction a 180° rotation is executed as the horizontal leg is lifted to a **Vertical Position**. The legs are lowered simultaneously to a **Bent Knee Surface Arch Position**. (Note: The **Bent Knee Surface Arch Position** can be assumed by using either leg). The bent knee is straightened to a **Surface Arch Position** and with continuous motion an *Arch to Back Layout Finish Action* is executed.

5A - Rocket Split Bent Knee Twirl Hybrid / DD - 2.4



5B - Rocket Split Bent Knee Hybrid / DD - 2.1

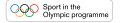


From a **Submerged Back Pike Position** with the legs perpendicular to the surface, a *Thrust* is executed to a **Vertical Position**. Maintaining maximum height, the legs are split rapidly to assume an **Airborne Split Position**, followed by a rapid rotation of 180° to assume an airborne **Bent Knee Vertical Position** with the front leg bent. A rapid *Vertical Descent* is executed as the bent knee is extended to join the vertical leg completed as the ankles reach the surface of the water followed by a *Vertical Descent*.

From a **Submerged Back Pike Position** with the legs perpendicular to the surface, a *Thrust* is executed to a **Vertical Position**. Maintaining maximum height, the legs are split rapidly to assume an **Airborne Split Position** followed by the front leg rapidly bending and the back leg rapidly lifting to a vertical to assume an airborne **Bent Knee Vertical Position**. A *Vertical Descent* is executed as the bent knee is extended to join the vertical leg completed as the ankles reach the surface of the water followed by a *Vertical Descent*.

Other requirements: Two (2) additional hybrids (one with cadence) + one Acrobatic (max DD 3.0), max one circle

Allowances: Twist/Twirl – up to ¼ less or more / Continuous Spin = 180° less or more Other Spins = up to ¼ less or more: 180° = 45°, 360° = 90°, 720° = 180°





COMMON ZERO POSSIBILITIES

1A - Flying Fish Hybrid Spinning 180° / DD - 2.5 1B - Flying Fish Hybrid / DD - 2.3 Spin allowance of 1/4 less or more in Spin 180° (45°) Not completing a vertical Continuing the spin after descent the 180° is achieved at the Tucking from the ankles ankle Tucking from the ankles 2A - Vertical - Full Twist to Bent Knee - Full Twist to 2B - Vertical - Half Twist to Bent Knee - Half Twist to Vertical - Open 180° - Walkout / DD - 2.6 Vertical - Split - Walkout / DD - 2.3 Twist allowance of ¼ less or more in Full Twists (90°) Twist allowance of ¼ less or more in the Half Twist and Half Twist (45°) (45°)Rotating in the wrong direction (not continuing in the Rotating in the wrong direction (not continuing in the same direction) same direction) A minimum split of 90° (0.1-2.9) not achieved A minimum split of 90° (0.1-2.9) not achieved A completely submerged surface arch position A completely submerged surface arch position 3A – Two Fouetté Rotations – Vertical – Continuous 3B – Two Fouetté Rotations – Vertical –Spinning 360° Spin 720° / DD - 2.6 DD - 2.3 Twist/Twirl allowance of 1/4 less or more in Fouetté Twist/Twirl allowance of 1/4 less or more in Fouetté rotations (45°) rotations (45°) Spin allowance of ¼ (90°) less or more in 360° Spin Spin allowance of 180° less or more in Continuous Spin Rotating in the wrong direction after the Fouetté 7209 rotations (not continuing in the same direction) Rotating in the wrong direction after the Fouetté Continuing the spin after the 360° rotation is rotations (not continuing in the same direction) completed at the ankle Tucking from the ankles Tucking from the ankles 4 - Butterfly Hybrid / DD - 2.9 Twist allowance of ¼ in 180 rotations (45°) Not moving horizontal leg in arc through vertical line Incorrect leg assuming Split Position A minimum split of 90° (0.1-2.9) not being achieved Rotating in the wrong direction after the Fishtail Position (not continuing in the same direction) Completely submerged Bent Knee Surface Arch Position or Surface Arch Position 5A - Rocket Split Bent Knee Twirl Hybrid / DD - 2.4 5B - Rocket Split Bent Knee Hybrid / DD - 2.1 A minimum split of 90° (0.1-2.9) not being achieved

A minimum split of 90° (0.1-2.9) not being achieved

Incorrect leg bending into the Bent Knee Vertical

Vertical descent remaining in the Bent Knee

Tucking from the ankles

Knee Vertical (45°)

If the Twirl is a Spin Tucking from the ankles

Allowance of 1/4 less or more in 180° rotation into Bent

Vertical descent remaining in the Bent Knee Vertical

Incorrect leg bending into Bent Knee Vertical