

Summary of revisions to 29.6 Appendix 6 - Hybrid Catalogue:

- Rationale for revisions:
 - Incorporation of all clarifications from previous Q&A documents (2024-25)
 - Incorporation of athlete and coach feedback, including from athlete reps
 - Incorporation of recommendations from TC instructors/gold level TCs to better represent how competitions are being officiated/how DD movements are being passed/failed (athlete-centered approach / very obvious mistakes).
- Version amended to: 5.2 September 2025
- General
 - Catalogue with defined numbers and letters vs bullets for improved rule referencing
 - Reference to "Difficulty Technical Controllers" vs "Technical Controllers" changed throughout
 - Grammar fixes throughout
 - Formatting fixed throughout
 - Difficulty declarations where letter designation (ie a/b/c etc.) were missing were added, for example T9 to T9b
- Bonuses
 - Pattern change bonus: up to a maximum of 6 pattern changes declared.
- Thrust family
 - Back flexibility added to thrust with flexibility
 - T4e, T5b, T6b, Twirl (in VP) defined
- Twist family
 - Statement regarding unbalanced twist with simultaneous turning: The DTCs observe the knees of the athlete to ensure declared number of 360 rotations are executed wall-to-wall.
- Airborne Weight
 - Incorporation of Q&A statements regarding A8 (rocking back and forth and stopping in a balanced "V")
 - Statement regarding back-to-back A6/A7/A8 declarations
 - Ascent or Descent = a change of a minimum of 2 height levels
 - Lift to single or double leg VP = alignment with RCB/RC1 wording: rotation must be gradual and not reach the single or double leg VP until 135/270 – meaning if lift finishes at $\frac{3}{4}$ point and then a $\frac{1}{4}$ turn in VP is executed that is ok, however if less than 135/270 is accomplished the rotation would be subject to a Base Mark.
- Flexibility
 - Knight = minimum height of 5.5 (kneecap visible). Kneecap fully underwater constitutes a Base Mark.
 - Declaration examples regarding F1a and F1b added to give coaches, athletes and TCs clearer guidance
 - Knight join (F6c/F8a), Bent Knee Surface Arch join to VP (F6a/F8b), as well as F9 and F10: alignment with RCB/RC1 wording: rotation must be gradual and not VP until 135/270 – meaning if join (or lift in case of F9/F10) finishes at $\frac{3}{4}$ point and then a $\frac{1}{4}$ turn in VP is executed that is ok, however if less than 135/270 is accomplished the rotation would be subject to a Base Mark.
 - F7/F9/F10: surface arch position must be visible at the surface of the water (not airborne) and legs may be slightly apart (not more than 30 degrees). Obviously more than 30 degrees will be subject to a Base Mark.
 - Rapid Knight Position "from any position" added (alignment with F1a wording)
 - Clarification of definition of F3a (Split to Split through VP changing legs)
 - F4b clarification (straight leg through the vertical arc/axis)
- Connections
 - Connections with or without the plus (+) symbol are considered the same technique
 - Improved wording on C1b+
 - Team connection examples added
- General Principles
 - Regarding each routine including a skill from every family being performed by all routine members – added exception for Combo, where one declaration from each family in the routine may be counted across solo, duet and team DD hybrids.
 - For Duet and Mixed Duet only – for the Connections family – there is a maximum of 5 declarations per hybrid, with a limit of 2x per technique
 - Factoring regarding the free combination routine added
- Hybrid Difficulty Table
 - T4e, T5b, T6b, Twirl (in VP) defined
 - Rapid Knight Position "from any position" added (alignment with F1a wording)
 - F4b clarification (straight leg through the vertical arc/axis)

Summary of revisions to 29.7.2 **Pair Acrobatics Catalogue (Pair Acrobatics for Duet/Mixed Duet only):**

- **Rationale for revisions**
 - Incorporation of all clarifications from previous Q&A documents (2024-25)
 - Incorporation of athlete and coach feedback, including from athlete reps
 - Incorporation of recommendations from TC instructors/gold level TCs to better represent how competitions are being officiated/how pair acrobatic movements are being passed/failed
- **General**
 - Defined numbers and letters vs bullets for improved rule referencing
 - Reference to “Difficulty Technical Controllers/DTC” vs “Technical Controllers/TC” changed throughout
 - Grammar fixes throughout
 - Formatting fixed throughout
- **Specifics**
 - Twist allowances revised for 360° Twists: For 360° declared twists and more: 90° less than declared = Base Mark. Rationale is recommended by DTCs to align with Group B Team Acro, as 180° allowance was too generous and not differentiating enough from 180° twists.
 - Flexibility positions revised to ensure alignment with Team Acro Catalogue and for more clarity
 - Addition of new pair acrobatic movements that were approved in 2025
 - (#8) Lift head-up with flexibility (Lf) clarified
 - (#23 clarified) Sustained lift legs-up with travelling and rotation of 180° or more – S!rO.5>
 - (#28 clarified) Sustained lift legs-up with flexibility, travelling and rotation 180° or more – S!frO.5>
 - (#31, #35) Clarification: If the featured swimmer over-rotates, it will not be a Base Mark.
 - (#32 new acro) Jump head-up with 180° backwards somersault – JsO.5B
 - (#37 new acro) Jump head-up, with flexibility and dive – Jdf
 - (#47 new acro) Sustained Lift with traveling and 2 consecutive flexibility pushes with a clear catch + rotation 360° – SL!f2+r1>
 - Pair Assisted Actions clarification: “In pair assisted actions, the bottom (base) swimmer may remain under the surface of the water or on the surface, but the featured swimmer remains close to the surface (obviously not a Pair Acro lift, throw or jump). “Boost-type” assisted movements are considered as pair assisted actions. Coaches must ensure pair assisted actions do not meet a pair acrobatic definition.”

Summary of revisions to 29.7.1 **Team Acrobatics Catalogue**

- **Rationale for revisions**
 - Incorporation of all clarifications from previous Q&A documents (2024-25)
 - Incorporation of athlete and coach feedback, including from athlete reps
 - Incorporation of feedback from acrobatic experts on some value imbalances
 - Incorporation of recommendations from TC instructors/gold level TCs to better represent how competitions are being officiated/how team acrobatic movements are being passed/failed
 - Elimination of contradictions in different parts of the catalogue
 - Simplification as requested by the entire community
- **General**
 - Consistency of nomenclature throughout
 - Improvement overall to wording to be clearer and simplified (as requested by the entire community)
 - Defined numbers and letters vs bullets for improved rule referencing throughout
 - Creation of tables/charts to assist in ease of reading and rule reference
 - Reference to “Difficulty Technical Controllers/DTC” vs “Technical Controllers/TC” changed throughout
 - Grammar fixes throughout
 - Formatting fixed throughout
 - Some images revised as needed for more accuracy (as requested through feedback)
- **Specifics**
 - Incorporation of new team acrobatic movements that were approved in 2025
 - Adjustment to some value imbalances via acrobatic expert consultation
 - Addition of tables to assist DTCs and Coaches to know how to match codes (as requested through feedback from athletes, coaches and DTCs)
 - Precision added to description tables to reduce questions from DTCs and errors by coaches
 - Group P “Must not repeat the same acrobatic” is now defined as below due to the overuse observed of certain bonuses at World Championships:
 - For Group P: Can’t repeat the same construction, can’t repeat the same type of connection (grip), can’t repeat same position/s (as P1 or as P2 with the exception of the third position bonus), and can’t repeat same bonus/es
 - Cone rule for featured swimmer now for all of Group B and bonuses of Group C where featured swimmers remains on second formation
 - Restriction/definition for XS and 1P (1 palm) of support
 - Better categorization of positions of Group B (head up, head down, free and horizontal)
 - JUMP in Group C now fully airborne