Championship Shield Competition Conditions

Purpose
The Championship Shield shall be awarded to the club that demonstrates the strongest overall championship performance. The formula rewards championship success, supports small and medium-sized clubs through a transparent square-root adjustment, and recognises athlete development across multiple age groups, ensuring that neither squad size nor the performance of a single exceptional athlete alone determines the overall winner.

The formula is designed to:
- Reward championship performance.
- Support small and medium-sized clubs.
- Reduce the advantage of large squad sizes.
- Encourage participation and success across multiple age groups.
- Remain simple, transparent and easy to verify.

1. Championship Points

Individual Points
Championship points shall be awarded to the first eight eligible finishers in each individual event as follows:

Place	1st	2nd	3rd	4th	5th	6th	7th	8th
Points	10	8	6	5	4	3	2	1

Relay Points
Relay events shall score double the equivalent individual-event points:

Place	1st	2nd	3rd	4th	5th	6th	7th	8th
Points	20	16	12	10	8	6	4	2

2. Eligible Swimmers
For Championship Shield purposes, an Eligible Swimmer is any swimmer who starts at least one individual championship event.

The following shall not be counted as eligible swimmers:
- Withdrawals from all events.
- Non-starters in all events.
- Exhibition swims.
- Non-scoring competitors.

Eligible swimmer counts shall be based on the official results following any disqualifications, withdrawals, referee decisions or other ratified amendments.

3. Club Performance Score

To provide a fair comparison between clubs of different sizes, championship points shall be adjusted using the square root of the number of eligible swimmers.

Formula
Club Performance Score = Points Won ÷ √(Number of Eligible Swimmers)

The square-root adjustment reduces the natural advantage of larger squads while ensuring that clubs earning more championship points continue to be rewarded.

Example

Club	Swimmers	Points	Calculation	Adjusted score
Small Club	5	100	100 ÷ √5	44.7
Large Club	20	250	250 ÷ √20	55.9

A larger club retains an advantage when it produces more championship performances, but cannot rely on squad size alone to determine the result.

4. Development Bonus

To recognise clubs that develop swimmers across multiple age groups, a Development Bonus shall be awarded based on the number of age groups in which the club scores championship points.

Age Groups
12-16
17-18
19&O

Development Bonus Table
1 x Age Group = 0 pts
2 x Age Groups = 5 pts
3 x Age Groups = 10 pts

A club scoring points in all three age groups shall receive the full 10-point Development Bonus.

5. Championship Shield Formula

The Championship Shield Score shall be calculated as:
Championship Score = Points Won ÷ √(Number of Eligible Swimmers) + Development Bonus

The club with the highest score shall be declared the Championship Shield Winner.

6. Publication of Results

The organising committee shall publish:

Championship Points Table
Showing the championship points earned by each club.

Championship Shield Table
Showing:

- Championship points.
- Eligible swimmers.
- Club Performance Score.
- Development Bonus.
- Championship Shield Score.

Age Group Summary
Showing:

- 12-16 points.
- 17-18 points.
- 19+ points.

This information is published for transparency and verification purposes.

7. Tie-Break Procedure

If two or more clubs achieve the same Championship Shield Score, ties shall be resolved in the following order:

- Highest Club Performance Score before bonus.
- Highest Championship Points total.
- Greatest number of age groups in which the club scored points.
- Greatest number of individual event winners.

If clubs remain tied after all tie-break procedures have been applied, the Shield shall be shared.

8. Calculation Rules

- Full calculation precision shall be retained throughout all calculations.
- Final scores shall be rounded to two decimal places for publication only.
- Relay points shall be included in Championship Points.
- Eligible swimmer numbers shall be determined from official results.
- All Championship Shield calculations shall be based on ratified championship results.
- The published standings shall be final once approved by the Competitions Committee.

Worked Example

A club records:

- Championship Points = 400
- Eligible Swimmers = 16
- Championship Points in 12-16 and 17-18 age groups

Step 1: Calculate CPS
400 ÷ √16 = 400 ÷ 4 = 100.00

Step 2: Apply Development Bonus
The club scored points in two age groups: Bonus = 5

Step 3: Final Score
100.00 + 5 = 105.00

Championship Shield Score = 105.00