SCORING & HEAT SYSTEMS

IWWF CABLEWAKEBOARD COUNCIL

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HEAT SYSTEM

The following Heat Systems will be used in competitions. These will be automatically generated by the SCORE NOW system.

athletes	round	name	groups	capacity	qualify	runs	seeding	system	termination	reversed
3	1	Qualifications	1	6	3	2	Ranking	snake	yes	no
	2	Finals	1	6		2	Results	ladder		yes
4	1	Qualifications	1	6	4	2	Ranking	snake	yes	no
	2	Finals	1	6		2	Results	ladder		yes
5	1	Qualifications	1	6	5	2	Ranking	snake	yes	no
	2	Finals	1	6		2	Results	ladder		yes
6	1	Qualifications	1	6	6	2	Ranking	snake	yes	no
	2	Finals	1	6		2	Results	ladder		yes
7	1	Qualifications	2	6	4	2	Ranking	snake	no	no
	2	LCQs	1	6	2	1	Results	ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
8	1	Qualifications	2	6	4	2	Ranking	snake	no	no
	2	LCQs	1	6	2	1	Results	ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
9	1	Qualifications	2	6	4	2	Ranking	snake	no	no
	2	LCQs	1	6	2	1	Results	ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
10	1	Qualifications	2	6	4	2	Ranking	snake	no	no
	2	LCQs	1	6	2	1	Results	ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
11	1	Qualifications	2	6	4	2	Ranking	snake	no	no
	2	LCQs	2	6	2	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
12	1	Qualifications	2	6	4	2	Ranking	snake	no	no
	2	LCQs	2	6	2	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
13	1	Qualifications	3	6	3	2	Ranking	snake	no	no
	2	LCQs	3	6	3	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
14	1	Qualifications	3	6	3	2	Ranking	snake	no	no
	2	LCQs	3	6	3	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
15	1	Qualifications	3	6	3	2	Ranking	snake	no	no
	2	LCQs	3	6	3	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
16	1	Qualifications	3	6	3	2	Ranking	snake	no	no
	2	LCQs	3	6	3	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
17	1	Qualifications	3	6	3	2	Ranking	snake	no	no
	2	LCQs	3	6	3	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes
18	1	Qualifications	3	6	3	2	Ranking	snake	no	no
	2	LCQs	3	6	3	1	Results	step-ladder	yes	no
	3	Finals	1	6		2	Results	ladder		yes

athletes	round	name	groups	capacity	qualify	runs	seeding	system	termination	reversed
19	1	Qualifications	4	6	8	2	Ranking	snake	no	no
	2	LCQs	2	6	4	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
20	1	Qualifications	4	6	8	2	Ranking	snake	no	no
	2	LCQs	2	6	4	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
21	1	Qualifications	4	6	8	2	Ranking	snake	no	no
	2	LCQs	4	6	4	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
22	1	Qualifications	4	6	8	2	Ranking	snake	no	no
	2	LCQs	4	6	4	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
23	1	Qualifications	4	6	8	2	Ranking	snake	no	no
	2	LCQs	4	6	4	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
24	1	Qualifications	4	6	8	2	Ranking	snake	no	no
	2	LCQs	4	6	4	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
25	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
26	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
27	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
28	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
29	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes

athletes	round	name	groups	capacity	qualify	runs	seeding	system	termination	reversed
30	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
31	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
32	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
33	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
34	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
35	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
36	1	Qualifications	6	6	6	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	4	Finals	1	6		2	Results	ladder		yes
37	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	4	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
38	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	4	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
39	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	4	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes

athletes	round	name	groups	capacity	qualify	runs	seeding	system	termination	reversed
40	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	4	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
41	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
42	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
43	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
44	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
45	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
46	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
47	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
48	1	Qualifications	8	6	16	2	Ranking	snake	no	no
	2	LCQs	8	6	8	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes

athletes	round	name	groups	capacity	qualify	runs	seeding	system	termination	reversed
49	1	Qualifications	9	6	18	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder*	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
50	1	Qualifications	9	6	18	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder*	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
51	1	Qualifications	9	6	18	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder*	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
52	1	Qualifications	9	6	18	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder*	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
53	1	Qualifications	9	6	18	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder*	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes
54	1	Qualifications	9	6	18	2	Ranking	snake	no	no
	2	LCQs	6	6	6	1	Results	step-ladder	yes	no
	3	Quarter-Finals	4	6	12	2	Results	step-ladder*	yes	yes
	4	Semi-Finals	2	6	6	2	Results	step-ladder	yes	yes
	5	Finals	1	6		2	Results	ladder		yes

* To simplify the structure in this round, instead of using both the step-ladder and ladder systems, we will use only the step-ladder system.

Please note that to access 'scorenow' and produce the start lists for the competition you need internet access. In the event of internet access failure, you can ask another scorer to help produce these remotely.

START LISTS AND RUNNING ORDER

Whilst the IWWF Scoring System (SCORE NOW) will automatically generate the Start lists and running order for the events, it is essential that the Scorer and Chief Judge at the event understand the principle for creating in the event of a systems failure during the event.

As per the Rule Book, disagreements with the system generated start lists and running orders is no grounds for a protest and will not delay the running of a competition.

There are 3 systems used to create the Starting lists.

Snake System

Round 1 - Results

Placement	Group A	Group B	Group C
1	Athlete 1	Athlete 2	Athlete 3
2	Athlete 4	Athlete 5	Athlete 6
3	Athlete 7	Athlete 8	Athlete 9
4	Athlete 10	Athlete 11	Athlete 12
5	Athlete 13	Athlete 14	Athlete 15
6	Athlete 16	Athlete 17	Athlete 18

Round 2 - Startlists

Startingorder	Group A
1	Athlete 7
2	Athlete 8
3	Athlete 9
4	Athlete 6
5	Athlete 5
6	Athlete 4
7	Athlete 1
8	Athlete 2
9	Athlete 3

Will be used for all Qualification startlists

Ladder System

Placement	Group A	Group B	Group C
1	Athlete 1	Athlete 2	Athlete 3
2	Athlete 4	Athlete 5	Athlete 6
3	Athlete 7	Athlete 8	Athlete 9
4	Athlete 10	Athlete 11	Athlete 12
5	Athlete 13	Athlete 14	Athlete 15
6	Athlete 16	Athlete 17	Athlete 18

Startingorder	Group A
1	Athlete 7
2	Athlete 8
3	Athlete 9
4	Athlete 4
5	Athlete 5
6	Athlete 6
7	Athlete 1
8	Athlete 2
9	Athlete 3

Will be used for all x -> 1 group options, mainly finals.

Stepladder System (AAL)

Placement	Group A	Group B	Group C
1	Athlete 1	Athlete 2	Athlete 3
2	Athlete 4	Athlete 5	Athlete 6
3	Athlete 7	Athlete 8	Athlete 9
4	Athlete 10	Athlete 11	Athlete 12
5	Athlete 13	Athlete 14	Athlete 15
6	Athlete 16	Athlete 17	Athlete 18

Startingorder	Group A
1	Athlete 8
2	Athlete 9
3	Athlete 7
4	Athlete 6
5	Athlete 4
6	Athlete 5
7	Athlete 1
8	Athlete 2
9	Athlete 3

Will be used for all MOD2 group options, mainly LCQ, Quarter and Semis.

Groups next round

Legend:
- Snake
- Ladder
- Step Ladder
- Snake/Ladder
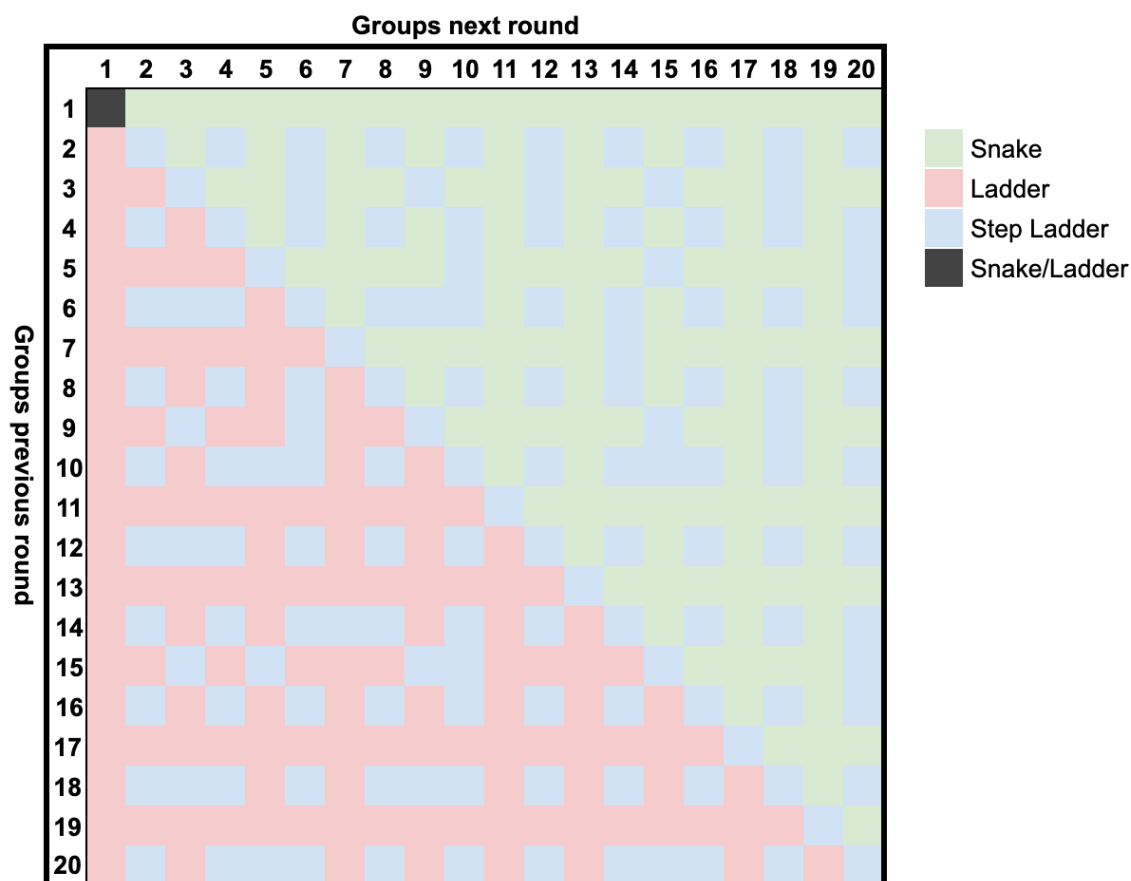
Explanation of Heat Systems

Seeding Systems in Wakeboarding Competitions

Seeding systems are used in wakeboarding competitions to fairly distribute athletes into heats and determine the order in which they compete. The three primary systems in use are the Snake System, Ladder System, and Stepladder System (AAL). Each system serves a distinct purpose and is suited for different stages of the competition.

1. Snake System

The Snake System ensures that athletes are evenly distributed across groups to maintain competitive balance. The ranking order is applied in a "zig-zag" pattern to prevent all top-ranked riders from being in the same heat.

How it works:

- Athletes are assigned to groups in a back-and-forth manner (e.g., first in Group A, second in Group B, third in Group C, then the next cycle reverses).
- This system equalizes the strength of groups by ensuring top, mid-level, and lower-ranked riders are evenly distributed.

Usage:

- Used primarily in Qualification rounds where multiple heats are necessary.
- Ensures fair competition by spreading talent across all heats.

2. Ladder System

The Ladder System is structured in a way that rewards higher-performing athletes by placing them in an advantageous seeding order for the next round.

How it works:

- Riders are placed in groups according to their placement from the previous round.
- Higher-ranked riders from the previous round are positioned favorably to compete against others of similar ranking.
- The order of performance is reversed in subsequent rounds (e.g., lowest-ranked athlete starts first).

Usage:

- Primarily used in final rounds where only one group competes.
- Ensures that riders who performed well in the previous round are positioned better in the starting order.

3. Stepladder System (AAL)

The Stepladder System (AAL) is a progressive format where only a select number of riders advance step-by-step towards the final.

How it works:

- The lowest-seeded riders compete first.

- The winners advance to the next level, where they face higher-seeded competitors.
- This continues until the top-seeded riders enter at the final stage, giving them an advantage.
- Each stage is treated as an elimination round.

Usage:

- Typically used for Last Chance Qualifiers (LCQ), Quarter-Finals, and Semi-Finals.
- Helps create progressive elimination rounds leading up to the finals.
- Ensures that only the best-performing athletes continue through the competition.

4. When to Use Each Seeding System

The seeding system matrix defines when to use the Snake, Ladder, or Stepladder System (AAL) in different competition rounds. The exact allocation of systems depends on the round structure, which can be seen in the heatsystem table.

System	When to Use	Purpose
Snake System	Qualification Rounds (Early Rounds)	Ensures fair distribution of riders across heats
Ladder System	Rounds where only 1 group competes (e.g., Semi-Finals, Finals)	Rewards top athletes with better starting positions
Stepladder System	LCQ, Quarter-Finals, Semi-Finals	Progressive elimination, ensuring only top athletes advance