



*International Waterski & Wakeboard Federation*

***Wakeboard***

# **WAKEBOARD BOAT RULES 2022**

## **ANNEX 9**

### **HEAT SYSTEM**

For the heat distribution in the Qualification round, pre-seeding will be used.

Pre-seeding will be determined by the current IWWF Wakeboard Boat ranking and will apply to the qualifying heats (ie: the first round of qualification) only.

Ranking points from each rider will be used to determine the pre-seeding of the rider in the category. For any athlete who is not ranked, their heat and running order for the Qualification round will be determined randomly. Riders participating in a different category (higher difficulty) will have 75% of their ranking points counting towards the pre-seeding.

In preparation for allocating heats, all riders will be sorted with the top ranked rider first. All unranked riders will be assigned ranking randomly.

To assign riders to Qualifying round heats put the top ranked rider in heat 5 in the last position. Next place the second best rider into heat 4 in last position. When the last position of heat 1 has been filled then take the next rider and place in the second last position of heat 1.

Use this snake system to assign all riders to the heats

Example with 24 riders, 5 heats (the number is the rank of the rider):

	Heat 1	Heat 2	Heat 3	Heat 4	Heat 5
1		24	23	22	21
2	16	17	18	19	20
3	15	14	13	12	11
4	6	7	8	9	10
5	5	4	3	2	1

***Once the Qualification rounds have taken place all pre-seeding no longer applies and it is the results of each heat that will determine the running order for the subsequent rounds.***

Riders who do not qualify from the Qualification round will have a Last Chance Qualification (LCQ) round.

When creating the LCQ heat running order, there are two possible systems to use to ensure the best possible mix of riders proceeding through each of the rounds of the competition.

The Chief Judge and Chief Calculator will have discretion to choose the most appropriate system to assign the riders in heats.

First make a new seeding list with the riders who have not qualified.

See below the red italic numbers giving the new seeding – from 1 to 10.

Start with the winner of heat 5 and work across to the winner of heat 1.

Then take the next best rider in heat 5 and work across to heat 1.

Repeat this until all riders have a new seeding number.

In the example below the top 3 riders in each heat qualify to quarter- finals.

Now you have your new seeding list you can make the LCQ lists as you did for the qualification lists using the **ladder system**

Take the best rider who did not qualify (**1**) place him/her as the last rider in the last heat of LCQ.

Take the next rider and place him as the last rider in the second last heat and so on until you have done all heats once - you should finish on heat 1

Now take the next rider and go back to the last heat and work back to heat 1.

Repeat this process until all riders are allocated to heats.

#### Results Qualifying heats – Top 3 to Semi Final

Qual Heat 1	Qual Heat 2	Qual Heat 3	Qual Heat 4	Qual Heat 5
1	1	1	1	1 Q
2	2	2	2	2 Q
3	3	3	3	3 Q
4 <b>5</b>	4 <b>4</b>	4 <b>3</b>	4 <b>2</b>	4 <b>1</b>
5 <b>10</b>	5 <b>9</b>	5 <b>8</b>	5 <b>7</b>	5 <b>6</b>

	LCQ Heat 1	LCQ Heat 2
1	<b>10</b>	<b>9</b>
2	<b>8</b>	<b>7</b>
3	<b>6</b>	<b>5</b>
4	<b>4</b>	<b>3</b>
5	<b>2</b>	<b>1</b>

OFFICIAL IWWF HEAT SYSTEM			Qualifying	Final
3 riders			1 Heat 3	1 Heat 3
			Total 3 riders	Total 3 riders
4 riders			1 Heat 4	1 Heat 4
			Total 4 riders	Total 4 riders
5 riders			1 Heat 5	1 Heat 5
			Total 5 riders	Total 5 riders
6 riders			1 Heat 6	1 Heat 6
			Total 6 riders	Total 6 riders
7 riders	Qualifying	LCQ		Final
	1 Heat of 4	1 Heat of 3		
	1 Heat of 3			
	(Top 2 to Final)	(LCQ Top 2 to Final)		1 Heat 6
	Total 7 riders	Total 3 riders		Total 6 riders
8 Riders	1 Heat of 4	1 Heat of 4		1 Heat 6
	1 Heat of 4			
	(Top 2 to Final)	LCQ Top 2 to Final		
	Total 8 riders	Total 4 riders		Total 6 riders
9 riders	1 Heat of 4	1 Heat of 5		1 Heat 6
	1 Heat of 5			
	(Top 2 to Final)	(LCQ Top 2 to Final)		
	Total 8 riders	Total 4 riders		Total 6 riders
10 Riders	1 Heat of 5	1 Heat of 6		1 Heat 6
	1 Heat of 5			
	(Top 2 to Final)	(LCQ Top 2 to Final)		
	Total 10 riders	Total 6 riders		Total 6 riders
11 Riders	1 Heat of 6	1 Heat of 3		1 Heat of 6
	1 Heat of 5	1 Heat of 4		
	(Top 2 to Final)	(LCQ Top 1 to Final)		
	Total 11 riders	Total 7 riders		Total 6 riders
12 Riders	1 Heat of 6	1 Heat of 4		1 Heat of 6
	1 Heat of 6	1 Heat of 4		
	(Top 2 to Final)	(LCQ Top 1 to Final)		
	Total 12 riders	Total 8 riders		Total 6 riders
13 Riders	Qualifying	LCQ	Semi-Final	Final
	1 Heat of 4	1 Heat of 4	1 Heat 5	1 Heat of 6
	1 Heat of 4		1 Heat 5	
	1 Heat of 5			
	(Top 3 to Semi)	(LCQ Winner to Semi)	(Top 3 to Final)	
	Total 13 riders	Total 4 riders	Total 10 riders	Total 6 riders
14 Riders	1 Heat of 4	1 Heat of 5	1 Heat 5	1 Heat of 6
	1 Heat of 5		1 Heat 5	
	1 Heat of 5			
	(Top 3 to Semi)	(LCQ Winner to Semi)	(Top 3 to Final)	
	Total 14 riders	Total 5 riders	Total 10 riders	Total 6 riders
15 Riders	1 Heat of 5	1 Heat of 6	1 Heat 5	1 Heat of 6
	1 Heat of 5		1 Heat 5	
	1 Heat of 5			
	(Top 3 to Semi)	LCQ Winner to Semi	(Top 3 to Final)	
		Total 15 riders	Total 6 riders	Total 10 riders

	<b>Qualifying</b>	<b>LCQ</b>	<b>Semi Final</b>	<b>Final</b>
16 Riders	1 Heat of 4 1 Heat of 4 1 Heat of 4 1 Heat of 4 (Top 2 to Semi)	1 Heat of 4 1 Heat of 4 (LCQ Winner to Semi)	1 Heat of 5 1 Heat of 5 (Top 3 to Final)	1 Heat of 6
	<b>Total 16 riders</b>	<b>Total 8 riders</b>	<b>Total 10 riders</b>	<b>Total 6 riders</b>
17 Riders	1 Heat of 4 1 Heat of 4 1 Heat of 4 1 Heat of 5 (Top 2 to Semi)	1 Heat of 4 1 Heat of 5 (LCQ Winner to Semi)	1 Heat of 5 1 Heat of 5 (Top 3 to Final)	1 Heat of 6
	<b>Total 17 riders</b>	<b>Total 9 riders</b>	<b>Total 10 riders</b>	<b>Total 6 riders</b>
18 Riders	1 Heat of 4 1 Heat of 4 1 Heat of 5 1 Heat of 5 (Top 2 to Semi)	1 Heat of 5 1 Heat of 5 (LCQ Winner to Semi)	1 Heat of 5 1 Heat of 5 (Top 3 to Final)	1 Heat of 6
	<b>Total 18 riders</b>	<b>Total 10 riders</b>	<b>Total 10 riders</b>	<b>Total 6 riders</b>
19 Riders	1 Heat of 4 1 Heat of 5 1 Heat of 5 1 Heat of 5 (Top 2 to Semi)	1 Heat of 5 1 Heat of 6 (LCQ Winner to Semi)	1 Heat of 5 1 Heat of 5 (Top 3 to Final)	1 Heat of 6
	<b>Total 19 riders</b>	<b>Total 11 riders</b>	<b>Total 10 riders</b>	<b>Total 6 riders</b>
20 Riders	1 Heat of 5 1 Heat of 5 1 Heat of 5 1 Heat of 5 (Top 2 to Semi)	1 Heat of 6 1 Heat of 6 (LCQ Winner to Semi)	1 Heat of 5 1 Heat of 5 (Top 3 to Final)	1 Heat of 6
	<b>Total 20 riders</b>	<b>Total 12 riders</b>	<b>Total 10 riders</b>	<b>Total 6 riders</b>
21 Riders	1 Heat of 4 1 Heat of 4 1 Heat of 4 1 Heat of 4 1 Heat of 5 (Top 2 to Semi)	1 Heat of 6 1 Heat of 5 (LCQ Winner to Semi)	1 Heat of 6 1 Heat of 6 (Top 3 to Final)	1 Heat of 6
	<b>Total 21 riders</b>	<b>Total 11 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
22 Riders	1 Heat of 4 1 Heat of 4 1 Heat of 4 1 Heat of 5 1 Heat of 5 (Top 2 to Semi)	1 Heat of 6 1 Heat of 6 (LCQ Winner to Semi)	1 Heat of 6 1 Heat of 6 (Top 3 to Final)	1 Heat of 6
	<b>Total 22 riders</b>	<b>Total 12 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>

	<b>Qualifying</b>	<b>LCQ</b>	<b>1/4 Final</b>	<b>Semi Final</b>	<b>Final</b>
23 Riders	1 Heat of 4	1 Heat of 4	1 Heat of 4	1 Heat of 6	1 Heat of 6
	1 Heat of 4	1 Heat of 4	1 Heat of 5	1 Heat of 6	
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Top 2 to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 23 riders</b>	<b>Total 8 riders</b>	<b>Total 19 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
24 Riders	1 Heat of 4	1 Heat of 4	1 Heat of 4	1 Heat of 6	1 Heat of 6
	1 Heat of 5	1 Heat of 5	1 Heat of 5	1 Heat of 6	
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Top 2 to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 24 riders</b>	<b>Total 9 riders</b>	<b>Total 19 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
25 Riders	1 Heat of 5	1 Heat of 5	1 Heat of 4	1 Heat of 6	1 Heat of 6
	1 Heat of 5	1 Heat of 5	1 Heat of 5	1 Heat of 6	
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Top 2 to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 25 riders</b>	<b>Total 10 riders</b>	<b>Total 19 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
26 Riders	1 Heat of 6	1 Heat of 6	1 Heat of 4	1 Heat of 6	1 Heat of 6
	1 Heat of 5	1 heat of 5	1 Heat of 5	1 Heat of 6	
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Top 2 to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 26 riders</b>	<b>Total 11 riders</b>	<b>Total 19 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
27 Riders	1 Heat of 6	1 Heat of 6	1 Heat of 4	1 Heat of 6	1 Heat of 6
	1 Heat of 6	1 heat of 6	1 Heat of 5	1 Heat of 6	
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Top 2 to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 27 riders</b>	<b>Total 12 riders</b>	<b>Total 19 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
28 Riders	1 Heat of 6	1 Heat of 4	1 Heat of 4	1 Heat of 6	1 Heat of 6
	1 Heat of 6	1 heat of 4	1 Heat of 4	1 Heat of 6	
	1 Heat of 6	1 Heat of 5	1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Winner to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 28 riders</b>	<b>Total 13 riders</b>	<b>Total 18 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>

	<b>Qualifying</b>	<b>LCQ</b>	<b>1/4 Final</b>	<b>Semi Final</b>	<b>Final</b>
29 Riders	1 Heat of 4	1 Heat of 6	1 Heat of 5	1 Heat of 6	1 Heat of 6
	1 Heat of 5	1 Heat of 5	1 Heat of 5	1 Heat of 6	
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Winner to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 29 riders</b>	<b>Total 11 riders</b>	<b>Total 20 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
30 Riders	1 Heat of 5	1 Heat of 6	1 Heat of 5	1 Heat of 6	1 Heat of 6
	1 Heat of 5	1 Heat of 6	1 Heat of 5	1 Heat of 6	
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Winner to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 30 riders</b>	<b>Total 12 riders</b>	<b>Total 20 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
31 Riders	1 Heat of 6	1 Heat of 4	1 Heat of 6	1 Heat of 6	1 Heat of 6
	1 Heat of 5	1 heat of 4	1 Heat of 5	1 Heat of 6	
	1 Heat of 5	1 Heat of 5	1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Winner to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 31 riders</b>	<b>Total 13 riders</b>	<b>Total 21 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
32 Riders	1 Heat of 6	1 Heat of 4	1 Heat of 6	1 Heat of 6	1 Heat of 6
	1 Heat of 6	1 Heat of 5	1 Heat of 5	1 Heat of 6	
	1 Heat of 5	1 Heat of 5	1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Winner to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 32 riders</b>	<b>Total 14 riders</b>	<b>Total 21 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>
33 Riders	1 Heat of 6	1 Heat of 5	1 Heat of 6	1 Heat of 6	1 Heat of 6
	1 Heat of 6	1 Heat of 5	1 Heat of 5	1 Heat of 6	
	1 Heat of 6	1 Heat of 5	1 Heat of 5		
	1 Heat of 5		1 Heat of 5		
	1 Heat of 5				
	1 Heat of 5				
	(Top 3 to 1/4 Final)	(LCQ Winner to 1/4 Final)	(Top 3 to Semi Final)	(Top 3 to Final)	
	<b>Total 33 riders</b>	<b>Total 15 riders</b>	<b>Total 21 riders</b>	<b>Total 12 riders</b>	<b>Total 6 riders</b>