

Provincial Speed Series SBX Race Format

December 2016



Background

- ▶ Snowboard Ontario received a lot of feedback, in the 2014/2015 season, regarding the race format for the SBX events
 - In particular, why do we eliminate kids and go to the small finals with two kids – it's a numbers thing
 - More heat experience – we have time let them keep racing – utilize the track time
 - Why can't we give them gate choice – ranking
- ▶ The event team took that information under advisement and explored other options, seeking assistance from other provinces
- ▶ As a result, they are proposing a change to the format from LCQ to a 'Race to Qualify' followed by 'Race to Finish' event

Overview

Current format



Proposed format



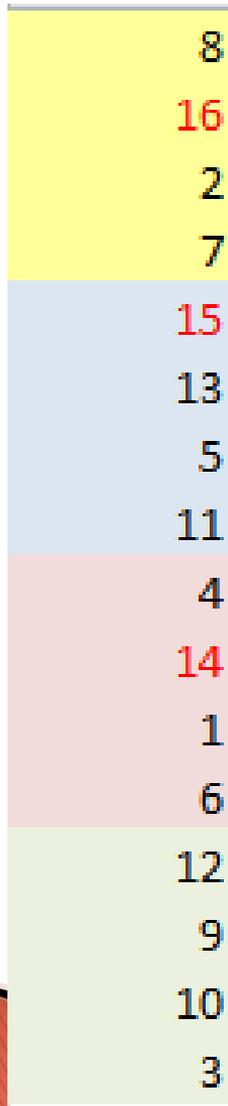
Race to Qualify format

- ▶ All riders in each category are sorted into two rounds of randomized heats
- ▶ Points are assigned to each rider based on performance
 - 1st = 0.5 2nd = 2 3rd = 3 4th = 4
 - All riders who DSQ or DNF are assigned 4 points
- ▶ The two point scores are added and the riders ranked with the lowest two score total will have to the best rank. For example, the best result is two 1st places for a total of 1 (0.5 + 0.5) point.

Benefits

- ▶ Guaranteed two races in the qualifying round – more race/track time
- ▶ Points system allows for ranking – gate choice in elimination rounds
- ▶ All riders make elimination round

Two randomized heat placement



- ▶ Excel's random function will place riders
- ▶ Phantom riders will be added where necessary to round out the field – in the example the red numbers represent phantom riders.
- ▶ The sort will determine which heats have the least amount of riders
- ▶ Alteration to heats may be made if a heat has more than one phantom rider

Tie breaker

- ▶ At the first race of the season, riders who are tied will be ranked by last season's SO Series overall ranking
- ▶ Races after that, riders who are tied will be ranked based on the current seasons points
- ▶ If there is still a tie, riders are ranked by age, oldest ranked higher, youngest lower

Once all riders have been ranked in their category there will be a break while brackets are built for the elimination round 'Race to Finish'. All riders will go to the elimination round

7 rider Race to Qualify example

Round 1		Round 2		Round 1		Round 2		Total points	Placement after 2nd round		Round # 3 - Tie Breaker		Overall Rank	
Rider #	Result	Rider #	Result	Rider #	Points	Rider #	Points		Rider #	Rank	Rider #	Result	Rider #	Rank
3	2	1	4	1	3	1	4	7	6	1		6	1	
1	3	5	2	2	0.5	2	3	3.5	2	3.5	2	2	2	
2	1	3	3	3	2	3	3	5	4	3.5	4	4	3	
7	4	6	1	4	3	4	0.5	3.5	5	4		5	4	
6	1	8	4	5	2	5	2	4	3	5		3	5	
8	4	7	2	6	0.5	6	0.5	1	7	6		7	6	
5	2	4	1	7	4	7	2	6	1	7		1	7	
4	3	2	3	8	4	8	4	8	8	8		8	8	

2 random heats Point accumulation - Identifying ties Tie breaker round Elimination round rank

Elimination rounds

A				C			
	Name	Rider #	Result	Final			
1		6		A1			
4		5		B1			
5		3		A2			
8		8		B2			

B				Small Final			
	Name	Rider #	Result				
2		2		A3			
3		4		B3			
6		7		A4			
7		1		B4			

*See the excel spreadsheet for other examples

Race to Finish format

This round for final placing and is a modified FIS format. The goal is to allow riders to choose their preferred lane based on their rank and to introduce them to the next level of racing.

- ▶ This is the elimination portion of the race
- ▶ Riders will be assigned to heats based on their ranking in their category using the standard rules of competition for building brackets.
- ▶ The top two riders in each heat advance
- ▶ Start lane selection – is always based on qualification position

Benefits

- ▶ Guaranteed 1 race in the elimination round – more race/track time
- ▶ Ranking and elimination rounds simulate the next level of racing – helps riders become familiar with that format

Race to Finish – Brackets

Building brackets is straightforward in cases of small and even numbers of riders. The following are the rules for brackets in cases where there are categories of more than nine riders. The goal is to have as many possible cases of the top two in each bracket advancing.

- ▶ Four or less: straight to final
- ▶ Five: 1st gets a bye into finals, 2nd, 3rd, 4th, 5th race for last three spots in final
- ▶ Six: two heats of three, top two move to big final, 3rd move to small final
- ▶ Seven: heat of three and heat of four, based standard eight bracket
- ▶ Eight: standard eight
- ▶ Nine riders: 7, 8, and 9 race for 7th and 8th spot.
- ▶ Ten: 7, 8, 9, and 10 race for 7th and 8th spot
- ▶ Eleven: 8, 9, 10 and 11 race for 8th spot
- ▶ Twelve: four brackets of three riders, based on standard sixteen bracket
- ▶ Thirteen: three brackets of three riders and one of four, based on standard sixteen
- ▶ Fourteen: two brackets of four and two brackets of three, based on standard sixteen
- ▶ Fifteen: three brackets of four and one of three, based on standard sixteen
- ▶ Sixteen: standard
- ▶ Seventeen: 15, 16 and 17 race for 15th and 16th spot, then run standard sixteen
- ▶ Eighteen to 23: go to 24 bracket, then twelve based on standard sixteen
- ▶ 24 and above: go to standard 32 bracket