



# Massachusetts Alpine Ski Racing Association (MAASRA)

Children’s Rules (U12 and U14 Age Groups)

January 2, 2019

## Table of Contents

Introduction..... 2

Schedule..... 2

Championship Quota Spots..... 2

    Ties..... 3

    Seeding..... 3

TSASRA Championships ..... 5

    2019 U14 TSASRA CHAMPIONSHIPS ..... 5

    Quota Spots..... 5

    TSASRA Championships Races Seeding..... 5

    Definitions..... 6

        ▪ Place Points ..... 6

        ▪ Race Points..... 7

    Scoring/Selection ..... 7

    Ties..... 7

    Announcement U14 Selections for Post-Season USSSB Events ..... 8

    Selection Procedures for TSASRA U14 Quota Teams for USSSB..... 8

U12 RACE DIVISION ..... 9

    2019 TSASRA U12 CHAMPIONSHIPS ..... 9

        TSASRA Championships Races Seeding..... 9

        Scoring/Selection ..... 10

        Ties..... 10

POST Season Events..... 10

## Introduction

MAASRA is a cooperative effort between TSASRA Eastern and Western MA clubs. Eastern MA Clubs are WMRT (Wachusett), Bradford, Nashoba, Prospect Hills, and Ski Ward. Western MA clubs are Berkshire East, Bousquet, Butternut, Blandford, Catamount, Jiminy Peak. MAASRA will be running 5 qualifying U12/14 races combining all Eastern and Western MA clubs and member athletes during the 2018/19 competition season (see the schedule listed below).

Those athletes who qualify for the TSASRA U14 championships will be based on the season long standings reflecting combined Eastern MA and Western MA athletes in the 5 race qualifier series. The Eastern MA/Western MA quota for the TSASRA U14 championships will be based on a combined population of U14s from Eastern and Western MA (not Eastern and Western MA separately which was the case in previous years,) and CYSL, per gender. Quotas for the U14 championships will be determined during the month of January 2019

Racing within MAASRA will follow the current [Alpine Competition Rules](#) (ACR) of USSSB.

Decisions, not covered under the ACR, will be decided by a Race Jury consisting of a Technical Delegate – assigned by the NGB, the Chief of Race – assigned by the hosting mountain, and a Referee - appointed from among the qualified coaches at the race.

## Schedule

MAASRA U12/U14 Schedule - 2019						
Date	Ski Area	Event	Class	Gender	Notes	
1/13/2019	Butternut	SL	U12/U14	M/F		
1/26/2019	Wachusett	GS	U12/U14	M/F		
1/27/2019	Bousquet	GS	U12/U14	M/F		
2/3/2019	Blandford	SL	U12/U14	M/F		
2/5/2019	Stratton – Speed Elements Camp	SG	<b>U14 Only</b>	M/F		
2/10/2019	Berkshire East	GS	U12/U14	M/F		

## Championship Quota Spots

For the U14's, quota spots are earned from the lowest value of the accumulated 7 best single results from the 15 possible results during the season. Results are gathered from each individual run during a race and for the combined result of those two runs, using place points.

Place points, as one might assume, are awarded for the finish position, i.e., 1 point for 1<sup>st</sup>, 2 points for 2<sup>nd</sup>, etc. Each venue provides 3 results: 1<sup>st</sup> Run, 2<sup>nd</sup> Run, and Combined Run, for the 5 qualifying races, hence, 15 possible results.

In the event a run or a race cannot be held, quota spots will be determined using the formula:  
 $\frac{1}{2}$  the possible results, rounded down. See the associated chart.

Quota Spots		
Possible Results	One half of those Results	Results Used in Calculation
15	7.5	7
14	7	7
13	6.5	6
12	6	6
11	5.5	5

## Ties

Ties will not be broken except for selection purposes for the last slot for post-season races. In case of selection order ties, Race Points (automatically produced by the race software, a percentage of the racers time to the winning time with a constant value to equate for different disciplines, e.g., Slalom or GS) will be used with the first tie breaker to be the lowest race points of any of the combined results of the individual qualifier races with the successive tie breakers being the next lowest of the race points the other combined results.

### Tie Breakers

- 1) Lowest Combined Race Points for **any** of the 5 qualifier races.
  - 2) 2<sup>nd</sup> Lowest Combined Race Points for **any** of the 5 qualifier races.
  - 3) 3<sup>rd</sup> Lowest Combined Race Points for **any** of the 5 qualifier races.
- **Race Points:** The race point system of scoring ski race results was developed to recognize the better performance of finishing fourth in one race with a time one second behind the winner, as opposed to finishing second in another race with a time two seconds behind the winner.

Race points are determined by comparing the winner's time and the individual racer's time. The formula for race points make this comparison and produces race points for each event according to the ration of the racer's time to the winner's time.

The formulas incorporate constants based on the average spread of race results, excluding 'stragglers,' to make the points earned in the various event more comparable.

The formula is:

$$P = (( Tr / Tw ) - 1 ) X F$$

Where:

- P is race points
- Tr is the racer's time, in seconds
- Tw is the winner's time, in seconds

## Seeding

Each program in Eastern and Western Mass will supply their roster of eligible racers to Ed Bassett, MAASRA/TSASRA Youth Coordinator no later than December 31st. The rosters should be into the following four groups:

- U12 Girls
- U12 Boys
- U14 Girls
- U14 Boys

The rosters should be submitted in an Excel Spreadsheet with USSA#, Last Name, First Name, and the 3 or 4-character Club designation (CAT, JPRT, WMRT, etc., rather than the generic TSASRA, EM, WM, or another format.)

Each of these groups should further be divided into four roughly equal seeds (A,B,C,D), by ability, and annotated as such on the roster provided to the MAASRA Youth Coordinator.

During the first week of January, MAASRA youth coordinator will combine rosters from each of the programs to form a complete seed list and ensure that each age group contains four seeds (A, B, C, D) that are roughly equal in size. Those seed groups will not change during the season. Note that the MAASRA Youth Coordinator reserves the right to change the seeding of individual racers relative to what is provided by the racer’s program to ensure roughly equal seed sizes.

For the qualifier races, the run order will be rotated through those groupings to give each athlete relatively equal course conditions, i.e. A-B-C-D for run 1 of the first race, B-C-D-A for run 2 of the 1<sup>st</sup> qualifier race and C-D-A-B for run 1 of the second race, D-A-B-C for run 2 of the second qualifier, and so forth for each successive race/run. Slight modification of this rotation is provided so the seed groups also rotate in the different disciplines. (See chart below.)

Each seed will be randomized for each race, not each run, to provide more equity within the seed. The ABCD seeding will also be rotated between Slalom and GS events as follows:

Discipline	Run	ABCD Rotation
Slalom 1	1	<b>ABCD</b>
	2	<b>BCDA</b>
GS 1	1	<b>ABCD</b>
	2	<b>BCDA</b>
GS 2	1	<b>CDAB</b>
	2	<b>DABC</b>
Slalom 2	1	<b>CDAB</b>
	2	<b>DABC</b>
GS 3	1	<b>ABCD</b>
	2	<b>BCDA</b>

## TSASRA Championships

### TSASRA Championship Schedule for 2018 - 2019

#### U14 TSASRA CHAMPIONSHIP

Date	Ski Area	Event	Class	Gender	Notes
3/2/2019	Berkshire East	GS	U14	M/F	Schedules subject to change
3/3/2019	Berkshire East	SL	U14	M/F	

#### U12 TSASRA CHAMPIONSHIP

Date	Ski Area	Event	Class	Gender	Notes
2/23/2019	Ski Sundown	GS	U12	M/F	
2/24/2019	Mt. Southington	SL	U12	M/F	

### 2019 U14 TSASRA CHAMPIONSHIPS

Berkshire East (March 2<sup>nd</sup> and 3<sup>rd</sup>)

(Banquet to be held March 2<sup>nd</sup>, at the Log Cabin, Holyoke, MA.)

#### Quota Spots

1. **150 General Entries**
2. The 150 general entries (quota spots) will be allocated to the TSASRA regions based on active TSASRA memberships of USSSB Alpine Competitor U14 license holders in each region as of Dec 31st for the current season. Quota spots will be allocated according to the number of such athletes competing in each region as a percentage of the total number of such athletes competing in TSASRA, with a guaranteed minimum of 25 spots per region. If the 25-spot minimum is not met, remaining quota spots will be allocated between the remaining regions according to their numbers of competing athletes in a similar manner.
3. Unused regional quota slots will be distributed evenly to the other TSASRA region.
4. Regional Youth Chairs must notify the Youth Committee Chair as soon as possible regarding qualified athletes who are selected but who will not attend the championships and identify alternates, if any, who would take their places.
5. The Youth Committee strongly encourages participation in both events. Event fee is based on a minimum of two days participation and there is no single day fee available.

#### TSASRA Championships Races Seeding

Each competition region of TSASRA (MASSACHUSETTS and CONNECTICUT) will submit a seeded list of its entries, by gender, to the Youth Committee based on the respective region's qualification procedures. Massachusetts list will be a combined group of Eastern Mass and Western Mass athletes. The final seeded list of entries will then be approved by the Youth Committee before submittal.

The ranked lists will first be divided into four, approximately equal, regional groupings, in rank order. Then, all regional groupings will then be combined to create four approximately equal

sized seed groups. This should result in an approximately equal number of athletes, from any single region, being placed into each of the seed groups.

Each region will be allocated slots in each seed based on the regional percentage of total applicable group population.

**For both the Slalom and GS events, the following procedures will apply.**

### **1<sup>st</sup> Run Start List**

To create the 1st run start orders for the first day of racing, the order of athletes within each seed group will be randomized and assigned sequential bib numbers. Athletes within each seed group will be re-randomized, to create the second day's start list and bib numbers reassigned sequentially. These two unique sets of start orders will be provided to the hosting ski area, at least one week prior to the event.

### **2nd Run Start List**

In competitions with two runs, the starting order for the second run is determined by the result list of the first run. A standard second-run start list reverses the fastest 30 competitors from the first run; this is the "bibbo".

The following steps will be followed to create the Second Run Start List:

1. Rank all first run competitors in time order.
2. Break all ties, (in accordance with the bibbo process,) regardless of where they occur, by ranking the tied competitor(s) with the higher bib number(s) before the tied competitor(s) with the lower bib number(s).
  - a. **Note:** Ties will not be broken in the 1<sup>st</sup> run place point results, just for the run order for the second run.
3. Verify the number of competitors that are to be reversed (bibbo).
4. Check for a tie at the reversal position.
5. If a tie has occurred at the reversal position – 30, include those ties in the reversal number. This will result in the lower bib number starting first and the athlete with the fastest first run time starting 31 (with a 3-way tie at the reversal position, the athlete with the fastest first run time would start 32/, etc.)
6. Reverse correct number of competitors including ties, if applicable.
7. The remainder of the field will run in finish order, the NPS, DNS, DSQ, and DNF will run in original bib order sequence.

## **Definitions**

- **Place Points:** Place points equate to the finish position of a run or a race. For instance, the winner, 1<sup>st</sup> place, receives 1 point, 2<sup>nd</sup> – 2 points, and so on down the results sheet. An NPS, DNS, DSQ, and DNF receive a point value of 990.

In case of a tie (identical times,) each tied racer receives the points for that place. Following racers receive points according to their place.

Ties will result in one, or more, vacant place(s.) For example, a two-way tie for third means no 4<sup>th</sup> place points are awarded: the next points go the fifth place. A three-way tie for first would mean the next place points awarded are for fourth place.

- **Race Points:** The race point system of scoring ski race results was developed to recognize the better performance of finishing fourth in one race with a time one second behind the winner, as opposed to finishing second in another race with a time two seconds behind the winner.

Race points are determined by comparing the winner's time and the individual racer's time. The formula for race points make this comparison and produces race points for each event according to the ration of the racer's time to the winner's time.

The formulas incorporate constants based on the average spread of race results, excluding 'stragglers,' to make the points earned in the various event more comparable.

The formula is:

$$P = (( Tr / Tw ) - 1 ) X F$$

Where:

P	is race points
Tr	is the racer's time, in seconds
Tw	is the winner's time, in seconds
F	is a constant, different for each event.

## Scoring/Selection

Each athlete will be scored using the sum of the best two finishes (on a place point basis) for the six (6) scoring opportunities at the championships, i.e., 1st run, 2nd run, combined for SL; 1st run, 2nd run, combined for GS. If six scoring opportunities cannot be contested in the championship weekend due to weather or other circumstance, the selection method will be the best place points of one half of the scoring opportunities, rounded down.

NPS (Not Permitted to Start,) DSQ, DNF, and DNS in any run will be assigned a place point rank of 990.

**Ties** (Other than for the selection slots and seeding for post-season events, including alternates for a post-season event, ties will not be broken.)

In case of selection order ties, Race Points to be used with the first tie breaker to be the lowest race points of either the Slalom or GS combined results with the 2<sup>nd</sup> tie breaker, to be the combined race points the other Slalom and the GS combined results. Other tie breakers are listed in the rare event they are needed.

## Tie Breakers

- 1) Lowest Combined/Overall Race Points for **either** the Slalom **or** GS results.



- 2) The Combined/Overall Race Points for the **other** the Slalom **or** the GS results.
- 3) Lowest Race Points for any one run in **either** the Slalom **or** GS competition.
- 4) 2<sup>nd</sup> Lowest Race Points for any one run in **either** the Slalom **or** GS completion.
- 5) 3<sup>rd</sup> Lowest Race Points for any one run in **either** the Slalom **or** GS completion
- 6) 4<sup>rd</sup> Lowest Race Points for any one run in **either** the Slalom **or** GS completion.

If the Championship is not held, the Youth Committee will convene to determine appropriate selection criteria for post-season quota teams.

Ski Areas hosting a Championship event shall provide the results for each individual scoring run/race to a team captain from each participating team. The official results from all Championship races shall be used for selection purposes.

### **Announcement U14 Selections for Post-Season USSSB Events**

TSASRA Quota selections to USSSB Post-season Events will be announced following the official scoring of the final event of the TSASRA Championship event. The first two alternates for boys and girls will be announced at awards as well. If for any reason the announcement is not practical on the final race day, the selected athletes will be notified, and selections will be posted on the TSASRA website as soon as possible. Appeals of selections may be made to the Youth Committee by contacting any current member of the committee.

### **Selection Procedures for TSASRA U14 Quota Teams for USSSB**

**U14 Eastern Regional Championships - (Quota spots given by USSSB will be split by gender according to the ratio of athletes that start in the TSASRA Championships) (unless otherwise directed by the Regional Office.)**

TSASRA Quota Teams seed orders submitted to USSSB shall correspond to the final selection ranking orders from the TSASRA Championships.

**NOTE:** Barring sickness or injury, qualifying athletes representing TSASRA in the U14 Eastern Championships are expected to participate in all 4 events at the Eastern Championships.

**NOTE:** Full participation in the U14 Eastern Championships takes priority over any other potential athletic, or other, endeavor on the same dates of the U14 Eastern Championships. Failure to comply will result in forfeiture of one's qualification and the next alternate will be offered the invitation. The Youth Committee takes this responsibility very seriously and expect families and qualifying athletes to do the same.

**NOTE:** The U14 Eastern Championship schedule as posted is subject to change.



## U12 RACE DIVISION

### Other Scheduled Events for U12

Date	Ski Area	Event	Class	Gender	Notes
12/15/2018	Wachusett	Skills Quest	U8 – U14	M/F	
TBA	Gore	Future Stars	U12	M/F	Details to follow

## 2019 TSASRA U12 CHAMPIONSHIPS

February 23: Ski Sundown GS; February 24: Mt. Southington SL

\*\*\* All U12s are invited to participate in this event\*\*\*

### TSASRA Championships Races Seeding

The U12 Championship Race is open to all TSASRA U12 athletes who have raced in one or more regular season races. Invitations to racers, from Western Mass Interclub (WMIC), and Eastern Mass Buddy Werner League (EMBWL), may be extended to the top 3 boys and top 3 girls in each of those race leagues by the TSASRA Youth Committee. Racers from EMBWL and WMIC will be inserted into Seeds B-C-D.) **Note:** All racers will need a current USSSB Membership and attending coaches are required to hold a current USSSB Coaching Membership.

Each region of TSASRA (MASSACHUSETTS and CONNECTICUT) will submit a seeded list of its entries, by gender, to the Youth Committee Chair based on the respective region's qualification procedures. The seeding lists will be combined to form a complete seed list and break it down into four (4) equal seed groups: A, B, C, D. Those seed groups will not change for the two-day, two event, TSASRA U12 Championship Series.

For the Championship races, the run order will be rotated through those groupings to give each athlete relatively equal course conditions throughout the weekend.

The seed order will rotate as follows:

- Saturday
  - A-B-C-D for run 1,
  - B-C-D-A for run 2.
  
- Sunday
  - C-D-A-B for run 1,
  - D-A-B-C for run 2

Each seed will be randomized for each race, not each run, to provide more equity within the seed.

**For both the Slalom and GS events, the following procedures will apply.**

## Scoring/Selection

Each athlete will be scored using the sum of the best two finishes (on a place point basis) for the six (6) scoring opportunities at the championships, i.e., 1st run, 2nd run, combined for SL; 1st run, 2nd run, combined for GS. If six scoring opportunities cannot be contested in the championship weekend due to weather or other circumstance, the selection method will be the best place points of one half of the scoring opportunities, rounded down.

**Ties** (Ties will not be broken.)

Ski Areas hosting a Championship event shall provide the results for each individual scoring run/race to a team captain from each participating team. The official results from all Championship races shall be used for selection purposes. TSASRA Quota Teams seed orders submitted to USSSB shall correspond to the final selection ranking orders from the TSASRA Championships.

## POST Season Events

### Post Season Events

<b>ELITE EVENTS – U14</b>					
Date	Ski Area	Event	Class	Gender	Notes
<b>U14 Eastern Championship</b>					
Mar 15-18 2019	Whiteface, NY	ALL	U14	M/F	<b>Quota: 14 Gender Split TBD</b>
<b>U14 Can-Am</b>					
3/29-4/1 2019	Mont Tremblant, QC	ALL	U14	M/F	<b>USSSB quota TBD</b>

<b>Francis Piche Invitational</b>					
Date	Ski Area	Event	Class	Gender	Notes
Mar 13, 2019	Gunstock, NH	Optional Practice	U12/U14	M/F	<b>Quota: 36</b>
Mar 14, 2019	Gunstock, NH	Optional Practice	U12/U14	M/F	
Mar 15, 2019	Gunstock, NH	Practice	U12/U14	M/F	
Mar 16, 2019	Gunstock, NH	GS	U12/U14	M/F	
Mar 17, 2019	Gunstock, NH	SL	U12/U14	M/F	

Selection for post season, i.e., the Francis Piche Invitational at Gunstock, NH, will be determined by the end of season results for both the U12's and the U14's, and for both genders. Selection for the USSSB Eastern Championships, for U14's, will be determined by Tri-State Championship finish results.

**Note:** U14's qualifying for the Eastern Regional U14 Championships will relinquish their Piche slot, if applicable, and the first gender appropriate alternates will be contacted.