

CHAMPIONSHIP RULES

Effective as of 12/1/2016 for the 2017 Championships at Mammoth Mountain

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1.0 DEFINITION AND ORGANIZATION

The Far West Racing Association (FWRA) championships are conducted annually between the FWRA leagues as a two-day event. The Saturday race course shall be a slalom and the Sunday race course shall be a giant slalom. The Chief of Race may change the format of the Championships due to weather.

Participants will represent the best skiers in their skill categories of the various Far West leagues (and councils when a council is not subdivided into leagues). The conduct of the race will be regulated by the FWRA Race Committee and the awards will be provided by the FWRA.

There shall be two divisions: Junior and Adult. The Adult Division shall be further divided into Open, Vet, and Super Vet (SVet) categories. Within each division and category, there shall be men and women categories (except in the Legends Class).

1.1 RACE RULES REVISION

These rules are subject to revision by the Far West Executive Board which meets (at least) annually at a time mutually agreed on by Executive Board members. The FWRA Executive Board consists of the Far West league and council race chairmen and the officers of the Far West Racing Association. Only league and council race chairmen, or their designees, may vote on rules changes. The name of the designee must be communicated to the FWRA President by the league/council chairman before the rules session. The rules revision sessions will be chaired by the FWRA Rules Chairman. All changes must be approved at least 45 days prior to the championships. Rule changes shall be approved by a majority of the league chairpersons, or their designees, present at the summer rules meeting.

1.2 DATE AND TIME OF RACE

The date of the race shall be set by the FWRA Executive Board. Consideration will be given to the calendars of clubs, leagues and councils.

1.3 SLALOM INDIVIDUAL CHAMPIONSHIPS

The Saturday race shall be a two- run slalom to determine the individual slalom champions in each class.

1.4 GIANT SLALOM INDIVIDUAL CHAMPIONSHIPS

The Sunday race shall be a two- run giant slalom to determine the individual giant slalom champions in each class.

1.5 POINTS-PER-RACER-START CHAMPIONSHIP

The points per racer start champion shall be based on the points earned by a league or council from the giant slalom race and the slalom race divided by the number of starters from that league or council.

1.6 FWRA LEAGUE CHAMPIONSHIP

The results of the slalom and giant slalom races shall be combined to determine the FWRA champion among the participating leagues and councils.

1.7 NUMBER OF PARTICIPANTS

The maximum number of racers per league in the Adult Division is unlimited; in the Junior Division the maximum number is unlimited. All racers from each league may earn points in any single class.

There shall be no collapsing of classes.

1.8 RACE COMMITTEE

The Race Committee shall be composed of league/council race chairmen or their designees, the FWRA Rules Chairman and the FWRA Chief of Race. The Chief of Race shall serve as Chairman of the Race Committee. The committee shall rule on all protests or matters of dispute concerning the race. Each league/council shall have one vote. The name of the person representing each league/council shall be submitted to the FWRA President prior to the race. Voting shall be on a simple majority basis; no quorum is required. In the event of a tie, the Chief of Race shall cast the deciding vote. The function of the Race Committee should not to be confused with the rules revision function of the FWRA Executive Board.

1.8.1 Cancelling or Delaying a Race

If conditions warrant canceling or delaying a race, the decision shall be based on a vote of the league reps that are present at the finals. Input shall be solicited from the finals chairperson, the Chief of Race, and the mountain representative. If possible, an on-mountain inspection of the conditions shall be made by the Chief of Race prior to voting on whether or not to cancel a race.

1.9 CHIEF OF RACE

The Chief of Race shall be responsible for:

- a) Making arrangements with the area operator for course location, course setting, poles and flags.
- b) Selecting and organizing personnel and equipment necessary to run the race.
- c) Appointing the on-hill jury of race officials, consistent with the needs of safety and requirements of insurance.
- d) Providing for timing, start, finish, gate keeping, registration, award presentation, bib disbursement and bib collection. Gate keeping will include written bib-by-bib records and diagrams of disqualifications.
- e) Posting disqualifications, and scoring, listing, posting, and publication of the race results. The DSQ/TDQ list shall be posted at a time and location determined by the Chief of Race not less than 30 minutes prior to the protest meeting on Saturday and Sunday.
- f) Reviewing the preliminary racer handicaps and strikes/double strikes.

2.0 ELIGIBILITY

a) Anyone entering a FWRA Championships race must be a member in good standing of the league/council which he/she represents and have a current FWRA classification.

- b) Eligibility for all classes has a further requirement that a racer must have completed at least three races with valid runs during the rating period (see section 3.1), with at least two races within the current season (starting Dec. 1). Races on "beginner" courses do not apply.
- c) Racers must wear a "snow-spport helmet" for League races, Far West Ski Week races, the FWRA Championships, and clinics.

Junior racers shall be 17 years of age or younger, Open racers shall be 18 years of age or older, Vet racers shall be 50 years of age or older, SVet racers shall be 65 years or older, and Legends racers shall be 75 or older. For the purposes of the foregoing, the age of a racer shall be his/her age as of 1 December preceding the FWRA Championships.

2.1 EXCEPTIONS

Exceptions to the eligibility rule may be granted by the FWRA President for an individual who, due to unusual circumstances, does not have the required number of races during the current season. Requests for such exceptions must be received in writing from the League Chairperson at least 2 weeks prior to the FWRA Championships. If the exception is granted, the racer is eligible for points and medals. If their Saturday race handicap is better than the class they raced in, they may be bumped for the Saturday race and/or the Sunday, based on the decision of the Saturday protest committee.

2.2 EXCLUSIONS

Persons who have, during the rating period, raced as a professional in a pro circuit race, or been a member of the US Ski Team or National Training Group, are ineligible to compete in the FWRA Championships.

2.3 RACERS PARTICIPATING IN MULTIPLE LEAGUES

Racers who have raced in more than one league or council during the current season must have declared a home league. If a racer is registered for the championships by his/her designated home league, he/she cannot race for any other league in the championship race. If a racer has designated more than one home league for the current season, he/she will be ineligible to compete in the FWRA championships.

2.4 QUALIFYING RACES

In addition to League races, the Far West Ski Week and the Keystone Nationals Slalom and Giant Slalom races shall count as races during the rating period, provided the races are conducted in accordance with Appendix A.

3.0 RACER CLASSIFICATION

- a) A racer's skill class is based on his/her two best Far West handicaps as calculated from his/her performance in all sanctioned Slalom and Giant Slalom races within the rating period.
- b) A racer's age class shall be the age class they registered for at the beginning of the season.
- c) Between May and October each year, Leagues are encouraged (not required) to reclassify their racers' skill classes using the previous 36 months' data.
- d) Handicaps from "beginner" courses will be excluded.

- e) Racers racing in more than one FWRA league will be classified based on their handicaps from all leagues combined.
- f) Racers at the FWRA Championships may not race in a class which is slower than their classification.
- g) Racers that receive a double strike in the Saturday race shall race in the higher class on Sunday.
- h) Racers that receive their second strike on Saturday shall race in the higher class on Sunday.
- i) All Leagues shall utilize the ZPT and HDCP rules in Paragraphs 3.2 and 3.3 for sanctioned races.
- j) Racers cannot self bump their skill class.
- k) Racers may self bump their age class (e.g., from Vet to Open).
- 1) Racers may request a skill clas downgrade due to injury or other circumstances. Such equests must be approved by the FWRA Pesident before the Saturday race at the FWRA finals.

3.1 RATING PERIOD

The rating period shall extend from the day before the current championships back through three scheduled championships ago.

3.2 HANDICAP

A racer's handicap is a number, computed as provided below, which expresses the percentage by which his/her time in a particular race exceeds Zero Par Time:

$$H = ((T/Z) - 1) \times 100$$

H = Racer's Handicap

T = Racer's Time

Z = Zero Par Time

3.3 ZERO PAR TIME

Zero par for a course will be computed using the average of the middle cluster of the pacesetters' zero pars, provided that each of their runs falls within their normal performance. In the case of an inordinate number of racers on a given course receiving strikes, zero par may be adjusted for that given course. Zero par adjustments must be made by course, not by class.

$$Z = P / (1 + (R / 100))$$

Z = Zero Par Time

P = Pacesetter's Time

R = Pacesetter's FWRA Rating

For the purpose of establishing zero par time for each FWRA championship course, a minimum of six pacesetters shall be used.

3.4 STRIKE SYSTEM / RECLASSIFICATION

A racer whose handicap is faster than his/her class barrier shall receive a strike. A handicap exceeding multiple barriers results in multiple strikes. For the Skill 1 class, the double-strike barrier shall be 5 points into the Skill 0 class.

A racer's strike count is based upon all races (excluding "beginner" courses) within the FWRA during the rating period. Strikes from all leagues shall be combined. A racer accumulating two or more strikes within the rating period will be reclassified to the next higher class. After reclassification, the racer's strike count will be recalculated with respect to his/her new class to determine if further reclassification is warranted, and/or if any strikes are to be retained.

3.5 SKILL CLASS DEFINITIONS

There shall be ten classes of Junior Men (0-10), ten classes of Junior Women, ten classes of Open Men (0-10), ten classes of Open Women (0-10), ten classes of Vet Men (0-10), ten classes of Vet Women (0-10), ten classes of SVet Men (0-10), ten classes of SVet Women (0-10), two classes of snowboarders, 2 classes of Legends, and 1 class of monoskiers. The class names and lower handicap (HDCP) barriers shall be as follows:

Lower HDCP Barrier	Double-Strike Barrier
0	n/a
19.00	n/a
26.00	14.00
33.00	19.00
40.00	26.00
50.00	33.00
60.00	40.00
70.00	50.00
80.00	60.00
90.00	70.00
105.00+	80.00
	0 19.00 26.00 33.00 40.00 50.00 60.00 70.00 80.00 90.00

3.5.1 Snowboarders

There shall be two snowboard classes at the Far West Championships:

Class Name	Lower HDCP Barrier	Cutoff HDCP	Double-Strike Barrier
Snowboard 1	0	110.00	n/a
Snowboard2	80.00	135.00	70.00

Points for snowboarders shall count towards the league championship. To be eligible, a snowboarder must have at least three HDCPs during the rating period and at least two HDCPs during the current season.

3.5.2 Legends

Racers who are 75 or older may choose to race together. There shall be two Legends classes. Men and women shall be in the same class. Legends 1 will include racers from skill classes 0-to-7. The Legends 2 class will include racers froom skill classes 8-to-10. Handicaps earned in this class shall count towards strikes and bumps in the racers' original skill classes.

3.5.2 Monoskiers

There shall be 1 class for monoskiers.

4.0 DISQUALIFICATION

All disqualifications must be documented at the time of the infraction.

4.1 DEFINITION OF A VALID RUN

A valid run is a run in which the racer skis the entire course without disqualification and receives a valid time. Races on "beginner" courses do not apply; valid runs must be on the same courses used by regular classes (i.e., Skills 1 through 10) to accumulate FWRA handicaps.

4.2 AUTOMATIC DISQUALIFICATION

- a) A racer is disqualified for missing one or more gates or the finish line. A racer shall be disqualified for missing a gate if BOTH feet and the tips of BOTH skis do not all pass through the imaginary line between the poles, except during the last four gates, if the racer has lost a ski, then both feet and one ski tip must pass through the gate.
- b) A racer shall be disqualified if he/she loses a ski during a race, except in the last four gates (last three gates and finish line gate) where the skier shall be allowed to complete the course with one ski. In this case, the tip of the remaining ski and BOTH feet must pass through the gate.
- c) A racer shall be disqualified for jumping the start (i.e. boots crossing the imaginary line before the starter's signal) at the discretion of the starter, in those races not electronically timed where the timing equipment is actuated upon visual or audible signal from the starter.
- d) A racer shall be disqualified for failure to return a bib issued by the host agency as described in section 5.5.
- e) A racer shall be disqualified if, at the time of the championships, he/she has designated more than one FWRA league as his/her home league.
- f) While racing on a course, the racer must stop immediately when flagged down or told to stop by a mountain official, or FWRA Race Official. The racer has the right to a re-run as soon as the race course re-opens. FWRA Officials may also determine when the re-run will occur based on course conditions, weather, time lapse of course closure, or other factors. The safety of the racers and others will be important in any decision. When a racer refuses to stop or follow the directions of a mountain official or FWRA Race Official that racer will automatically be disqualified and lose his right to a re-run. The racer may also be ineligible to race in any future FWRA sanctioned races.
- g) Depending upon snow conditions, the mountain race department or the Chief of Course may allow slipping through the course.

- h) If a racer misses their starting position, they shall run at the end of their class. If a racer misses their entire class, they shall run at the end of their course. If they miss their course, they shall not be permitted to race
- i) A racer can be disqualified for unsportsmanlike conduct at the discretion of the Race Committee.
- j) Racers must wear their race bib with the number easily visible, chest and back, both during course inspection and during their run on the course.

4.3 DISQUALIFICATION SUBJECT TO RACE COMMITTEE DECISION

- a) Racers are allowed to inspect the course only by climbing on skis or by slowly skiing alongside the course, or by side slipping through the course, or by snow plowing beside the course during the time authorized by the Chief of Race. Racers may ski up to a gate to view the course, but may not pass through the gate (if there is a turning pole and an outside pole, or within 2 ski lengths of the turning pole and an imaginary outside pole in cases where there is no outside pole), nor may they practice turns parallel with those required by the course. This rule applies to all races at the Championships, including the pacesetters' races.
- b) Depending upon snow conditions, the mountain race department or the Chief of Course may allow slipping through the course.
- c) Racers must wear their bib with the number clearly visible, chest and back, both during course inspection and during their run on the course.
- d) A racer can be disqualified for sportsmanship conduct at the discretion of the race committee.
- e) If a racer misses their starting position, they shall run at the end of their class. If they miss their class, they shall run at the end of their course. If they miss their course, they shall not be permitted to race unless a provisional run is granted by a race official and such run will be accepted or rejected by the Race Committee. An example for allowing the run would be if the chair broke down for a prolonged period of time. Racers granted a provisional run shall race at the end of the currently running class.
- f) In the event both a disqualification action and a timing malfunction occur in the same run, the disqualification takes precedence.
- g) Refusal to work on the race.
- h) Overtaking (two racers on the course at the same time) the overtaking racer shall ski off the course and be granted a provisional re-run based on interference. The race committee may disqualify the overtaken racer if that racer blatantly caused the overtaking situation (e.g., by skiing off the course, and getting back in the course in front of the overtaking racer).
- i) Not signing individual race entry release form.
- j) Failure of the League Race Chairman to provide data substantiating the racer's classification at the Race Committee protest meeting.
- k) Racers may not race in a class slower than their classification.

1) If directed by the Chief of Course, racers shall not free ski on a closed-to-the-public run, or on a run where a course will be set later in the day or the next day.

4.4 RE-RUNS

All re-runs shall be allowed as soon as feasible, regardless of the class and shall be permitted for the following reasons:

- a) False Start: It is the starter's obligation to call back the racer before he/she passes through the second gate (after the starting gate). Only one false start is allowed per racer.
- b) Timer Malfunction (either human or mechanical): In the event of a start time malfunction, an attempt should be made to stop the racer before he/she completes the course.
- c) Outside Interference to Racer: In the event of interference, the racer must ski off the course immediately and report to the nearest race official for a re-run.

4.5 PROTESTS

- a) Precise agreement of all timers and clocks cannot be guaranteed.
- b) All malfunctions and discrepancies under protest shall be reported to the FWRA Chief of Race as soon as possible and be recorded immediately.
- c) When a provisional run is granted, the race committee shall determine if the provisional run will be accepted.
- d) All protests must be reported in writing to the Race Committee before the conclusion of the protest meeting on the day of the race.

5.0 REGISTRATION AND PROCEDURES

5.1 REGISTRATION

All racers shall register in person for each race at the time and location as specified by the FWRA President. At the discretion of the FWRA President, registration may not be required on Sunday. In any event, it is the responsibility of the racer to obtain the location of the race.

5.2 START ORDER

The FWRA President with the concurrence of the Race Committee will determine the number of courses to be used and which classes will race on each course. The total number of courses is dependent on the weather, snow conditions, and the number of anticipated starters.

The first starter in each class will be assigned on a rotating basis by league. (e.g., If there were three leagues with starters in Vet 1 Women, League A would have first starter, League B would have second, League C would have third. In Vet 1 Men, League B would have first starter, League C would have second, and League A would have third.)

Within each class, once the first seeds from all leagues have been assigned a start order, the start order start order within the class shall be reversed each time a seed level is exhausted. (e.g., If Leagues for second seeds in the class should be reversed until all second seeds have been assigned. The A, B and C each had

three seeds in a class, the start order by league would be A, B, C, C, B, A, A, B, C.)

The nominal start order shall be as follows:

Course 1
Junior 0 Women
Junior 0 Men
Junior 1 Women
Junior 1 Men
Junior 2 Women
Junior 2 Men
Junior 3 Women
Junior 3 Men
Junior 4 Women
Junior 4 Men
SVet 0 Women
SVet 0 Men
Vet 0 Women
Vet 0 Men
Open 0 Women
Open 0 Men
SVet 1 Women
SVet 1 Men
Vet 1 Women
Vet 1 Men
Open 1 Women
Open 1 Men
SVet 2 Women
SVet 2 Men
Vet 2 Women
Vet 2 Men
Open 2 Women
Open 2 Men
SVet 3 Women
SVet 3 Men
Vet 3 Women
Vet 3 Men
Open 3 Women
Open 3 Men
SVet 4 Women
SVet 4 Men
Vet 4 Women
Vet 4 Men
Open 4 Women
Open 4 Men

Course 2
Legends 1
Junior 5 Women
Junior 5 Men
Junior 6 Women
Junior 6 Men
Junior 7 Women
Junior 7 Men
SVet 5 Women
SVet 5 Men
Vet 5 Women
Vet 5 Men
Open 5 Women
Open 5 Men
SVet 6 Women
SVet 6 Men
Vet 6 Women
Vet 6 Men
Open 6 Women
Open 6 Men
SVet 7 Women
SVet 7 Men
Vet 7 Women
Vet 7 Men
Open 7 Women
Open 7 Men
•

Course 3
Legends 2
SNOB 1
Monoski
Junior 8 Women
Junior 9 Women
Junior 10 Women
Junior 8 Men
Junior 9 Men
Junior 10 Men
SVet 8 Women
SVet 8 Men
Vet 8 Women
Vet 8 Men
Open 8 Women
Open 8 Men
SVet 9 Women
SVet 9 Men
Vet 9 Women
Vet 9 Men
Open 9 Women
Open 9 Men
SVet 10 Women
SVet 10 Men
Vet 10 Women
Vet 10 Men
Open 10 Women
Open 10 Men
SNOB 2

5.3 RESPONSIBILITY OF EACH LEAGUE/COUNCIL RACE CHAIRMAN/DESIGNEE

- a) Pre-registration as per mailed instructions from the FWRA President.
- b) Informing each individual racer of the FWRA rules and responsibilities.
- c) Attendance at all meetings of the FWRA Race Committee.
- d) Being prepared to present at registration or any meetings, either procedural or protest, any and all documentation substantiating the categorization of each of his/her league's racers entered in the championships.
- e) Forwarding all league race results, Zero Par Time calculations, strike and classification information, as well as the standardized FWRA Zero Par Time summary and strike and bump list, to the FWRA President within two weeks of each race during the year. For races held within two weeks prior to the championships, a strike and bump list must be delivered to the FWRA President no later than the Friday night before the race.

5.4 RACE COMMITTEE MEETINGS

The Race Committee shall meet prior to the registration of racers for the Championship race. They will meet again, immediately after completion of each race to rule on problems such as handicapping, disqualifications, provisional runs, etc. Protests shall be resolved by a majority of the leagues represented at the finals.

5.5 BIB DISTRIBUTION AND COLLECTION

- a) Bibs will be assigned to a name on the starting list and said racer will be responsible for turning the bib in.
- b) Racers will turn in bibs immediately at the finish of their course on Sunday. Pacesetters shall turn in their bibs after their last run.
- c) Immediately after Sunday's courses are closed, the bibs will be taken to the registration area to be sorted. At that time, missing bibs will be checked against the start sheets to determine the assigned racer. Any racer not turning in his/her assigned bib shall be disqualified unless a fee for replacement is paid.

6.0 LEAGUE CHAMPIONSHIP RESULTS CALCULATION

Points shall be awarded based on the finish within each class.

6.1 FULL POINTS

Racers whose handicap is within their class handicap range, or better, shall earn full points If a SNOB2, Mono-skier, or S10 racer's HDCP better than 120.00, they get full points.

6.2 DOWN-ONE POINTS

A racer whose handicap is worse than their class handicap range, but within the HDCP range for the next class lower than their class, is awarded points for 1 place lower. If a SNOB2, Mono-skier, or S10 racer's HDCP is between 120.00 and 135.00, they get points for 1 place lower.

6.3 DOWN-2 POINTS

A racer whose handicap is worse than their class handicap range, but within the HDCP range for 2 classes lower than their class, is awarded points for 2 places lower. If a SNOB2, Mono-skier, or S10 racer's HDCP is between 135.00 and 150.00, they get points for 2 places lower.

6.4 DOWN-3 POINTS

Any racer whose handicap is worse than the HDCP range for 2 classes lower than their class shall receive one point. If a SNOB2, Mono-skier, or S10 racer's HDCP is worse than 150.00, they get one point.

The points schedule is summarized below:

Full Points		Down-1 Points		Down-2 Points		Down-3	3 Points
Place	Points	Place	Points	Place	Points	Place	Points
1	25	1	20	1	17	1+	1
2	20	2	17	2	15		
3	17	3	15	3	14		
4	15	4	14	4	13		
5	14	5	13	5	12		
6	13	6	12	6	11		
7	12	7	11	7	10		
8	11	8	10	8	9		
9	10	9	9	9	8		
10	9	10	8	10	7		
11	8	11	7	11	6		
12	7	12	6	12	5		
13	6	13	5	13	4		
14	5	14	4	14	3		
15	4	15	3	15	2		
16	3	16	2	16+	1		
17	2	17+	1				
18+	1						

6.4 TIES

In case of a tie, the combined total points for the tied position and the ones following it will be shared equally by the tying racers. The number of tied positions for which the points are shared will equal the number of tying racers. (The total number of points awarded in a class will not change as a result of a tie.)

7.0 AWARDS

7.1 FWRA CHAMPIONSHIP INDIVIDUAL AWARDS (SATURDAY AND SUNDAY) Individual awards will be presented for both Saturday and Sunday races. The minimum number of awards will be determined by the number of starters in each class paid for Friday night as follows:

Number of starters 1-9 10-12 13+ Minimum number of awards 3 4 5

7.2 FWRA CHAMPIONSHIP LEAGUE/COUNCIL TROPHIES

The league/council champion in the Adult and Junior Divisions shall be presented with the Far West Racing Association Championship trophy for their division. There shall be three divisions for the Championship trophy. The divisions shall be A, AA, and AAA. The divisions shall be based upon the number of home league adult ski racers in the league. Each league must report their number of racers to the FWRA President by the required date. The date shall be determined by the President each year based upon the date of the Championships. The President will determine which division each league will race in at the championships.

7.3 ROMA McCOY TROPHY

The Roma McCoy Trophy shall be presented to the league or council which wins the points per racer start championship. A plaque shall be presented to the winning league or council for their permanent display. To be eligible for the Roma McCoy Trophy, a League must have a minimum of 10 racer starts each day. Snowboarders count as starters for the Roma McCoy Trophy, but Juniors don't count as starters for the Roma McCoy Trophy.

7.4 ANNOUNCING OF RESULTS

Unofficial League Champion and Roma McCoy Trophy standings will be announced at the Saturday party and after Sunday's race. The official results will not be available until the Far West Ski Association convention held in the spring after the championships.

8.0 COURSE SETTING GUIDELINES

8.1 RELATIONSHIP TO OTHER RULES

FWRA rules tend to follow USSA and FIS rules, but with exceptions. Notable areas that differ include homologation (not required for FWRA), course length and vertical drop (not as big for FWRA), number of gates (no mandatory minimum or maximum for FWRA).

8.2 REFERENCES

- 1. FIS Competition Rules Book IV, 1996 edition
- 2. USSA Alpine Competition Guide 2000

3. United States Ski Coaches Association 1996-1997 Level 1 Clinic Handbook"

8.3 PURPOSE

To provide guidelines for course setters for FWRA races so that competitors have an enjoyable racing experience, while being appropriately challenged.

8.4 GENERAL

- 1. Safety first
- 2. Each course should be appropriate for the skill levels competing on the course
- 3. Control speed, but facilitate carrying speed across flats
- 4. Finish rate should be over 80%
- 5. Courses should be rhythmical but not monotonous
- 6. Avoid gate combinations which require sudden braking
- 7. Avoid extremely tight gates over blind knolls
- 8. Avoid tricks
- 9. The last gate should direct racers towards the middle of the finish line
- 10. Fencing should be used to protect racers from obstacles in slide zones
- 11. The finish area should allow all competitors to stop safely
- 12. Consult with FWRA officials when in doubt, and err on the side of safety

8.5 SLALOM

- 1. Vertical drop should ideally be 120 to 200 meters, but other distances are acceptable, and less advanced skill classes will often use less. Winning S1 times of 40 to 50 seconds per run are typical.
- 2. A SL gate consists of 2 poles. The turning poles shall be "break-away's."
- 3. A gate must have a width of 4 to 6 meters (if there is an outside pole). The distance between turning poles of gates must be from 0.75 meters (in combinations) to 15 meters.
- 4. There must be between 0 and 3 flushes (vertical combinations of 3, or in rare cases 4, gates).
- a. Courses which include S1 racers should have at least 2 flushes.

- b. Courses which include S10 racers should have at most 1 flush.
- 5. There must be between 2 and 4 hairpin combinations (vertical combinations of 2 gates).
- a. Courses which include S1 racers should have at least 3 hairpins.
- b. Courses which include S10 racers should have at most 2 hairpins.
- 6. The course should allow rapid completion of all turns. It should allow a fluent run, while testing a wide variety of technique, including turns of varying radii.

8.6 GIANT SLALOM

- 1. FWRA does not impose GS course length requirements, although it is expected that GS courses will generally be longer than slalom courses, and winning S1 times of over 50 seconds per run are desirable.
- 2. A GS gate consists of 4 poles and 2 flags. The flags must be capable of pulling away from the poles.
- 3. The gates must be 4 to 8 meters wide. Delay gates should use the full 8 meter width. The distance between the turning poles of two successive gates must be at least 10 meters.
- 4. Delay gates are allowed.
- 5. The number of turning gates should equal about 11 to 15 percent of the vertical drop in meters (e.g.: a 200 meter course should have 22 to 30 gates).

8.7 PACESETTER RACES

The Pacesetter Races will be set at a technical level based on the average skill level of the participants for both Slalom and GS. The courses should have a 95-100% completion rate.

All course sets will be approved by the Chief of Race.

APPENDIX A, SANCTIONING FWSA SKI WEEK RACES

For FWRA to sanction additional races, the following criteria must be met:

- 1. Races to be insured through FWRA.
- 2. Use of 6 FWRA pacesetters per course. (4 could be accepted, based on circumstances.)
- 3. FWRA recommends all Slalom and GS courses be two (2) pole events with the appropriate technical difficulty according to the ability level running the course.
- 4. FWRA race rules apply. Exceptions to the rules must be approved by FWRA prior to the event.
- 5. Race Chairman (Chief of Course) and race staff to be approved by FWRA prior to the event.
- 6. Race results and ZPT calculations to be sent to all leagues and FWRA president within two (2) weeks after the conclusion the races.
- 7. The FWRA Board of Directors shall approve in advance the sanctioning of any other races.

APPENDIX B, GUIDELINES FOR THE CHAMPIONSHIP CHAIRPERSON

- 1. Suitable location for the Friday night meeting, to discuss changes, run the computer, sit down, around a table.
- 2. Suitable location for protest meeting Saturday after the races.
- 3. Safe access to the race course start positions.
- 4. The "right" number of courses for the number of racers expected (50-75 starts per course?).