



ISMC International ranking rules for ski mountaineering competitions approved the 04.10.2008 by the PA



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UIAA- ISMC

**International ISMC Ranking Rules
for Ski Mountaineering Competitions**

Approved by the Plenary Assembly in Matsumoto, Japan Oct 4th 2007



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INTRODUCTION

The UIAA/ISMC International Ski Mountaineering Rules of Classification for World and Continental Championships, World and Continental Cups and Opens are composed of a set of rules which institute the practice of ski mountaineering competition. This purpose of this text is to describe how competition rankings are established from race results.

This concerns the following rankings:

- International continental and world (permanent)
- World and continental championships
- Continental and world cups
- Opens over various days

The UIAA-ISMC calendar indicates the type and characteristics of competitions approved by the ISMC.

The full list of rankings is in Appendix 1.

The official text of the rules of classification is published in English and French. In the case of any contradiction in the translation, the French version will be taken as the definitive authority.

1.1 Definitions

- **The sport season $N-1 / N$** runs from 1st June $N-1$ to 31 may N .
Rule changes voted in October $N-1$ by the P/A will be applicable from 1st December $N-1$ and thus for the season $N-1 / N$.
- **National Federation:** the Federation or Association that represents ski mountaineering in its country, in agreement with the federation that sits on the National Olympic Committee and/or approved by the corresponding ministry and ISMC member.
- **The Event:** describes the general situation extending from LOC preparations to the final results (candidature dossier, administrative and technical procedures, route marking, welcome, registration, inspections, races, podium, accommodation, meals...).
- **Race:** describes the contest from start to finish
- **Competition:** all the races which take place during the event
- **Competitors:** everyone who participates in the competition
- **Time points:** these points depend on the ratio of competitor's times and the winner expressed in percentage in a race and are used to decide between dead heats
- **Place Points:** these are the points given to competitors depending on their result in the race independently of the race coefficient.
- **Race coefficient:** a value that is attributed to a race depending on "Type of Race".
- **Points ranking:** these are the points of the competitor or team or nation which determine their position in the competitions ranking (sum of $PP \times \text{coefficient}$).

1.2 Abbreviations

- UIAA : International Mountaineering and Climbing Federation
- SMC : International Council for Ski Mountaineering Competition
- PA : Plenary Assembly
- MC : Management Committee
- LOC : Local Organising Committee
- M : Men
- W: Woman
- NF : National Federation



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1.3 References

The documents relating to UAAA/ISMC ski mountaineering competitions are:

- “UAAA/ISMC: Rules for Organising International Ski Mountaineering Races”
- “UAAA/ISMC: International Ski Mountaineering Sport Regulations”
- “UAAA/ISMC: International Ski Mountaineering Rules of Classification”
- “UAAA: Disciplinary rules”
- “UAAA: Anti-doping policy & procedures”
- “ISMC Statutes”

1.4 Approved Events

The events which permit the accumulation of points for a ranking must:

- Be inscribed in the international ISMC calendar
- The participation of at least three athletes
- Have respected ISMC regulations

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2 MEANS OF RANKING

2.1 Points / Place

These are the points awarded to competitors and teams for each event depending on their result (see "Game Rules"» § 6).

Place	Equipes relais	Individuels	Place	Equipes relais	Individuels	Place	Equipes relais	Individuels	Place	Equipes relais	Individuels
1	100	100	26	30	55	51	1	30	76	1	5
2	90	95	27	28	54	52	1	29	77	1	4
3	82	90	28	26	53	53	1	28	78	1	3
4	76	86	29	24	52	54	1	27	79	1	2
5	72	82	30	22	51	55	1	26	80	1	1
6	70	79	31	20	50	56	1	25	81	1	1
7	68	76	32	18	49	57	1	24			
8	66	74	33	16	48	58	1	23			
9	64	72	34	14	47	59	1	22			
10	62	71	35	12	46	60	1	21			
11	60	70	36	10	45	61	1	20			
12	58	69	37	8	44	62	1	19			
13	56	68	38	6	43	63	1	18			
14	54	67	39	4	42	64	1	17			
15	52	66	40	2	41	65	1	16			
16	50	65	41	1	40	66	1	15			
17	48	64	42	1	39	67	1	14			
18	46	63	43	1	38	68	1	13			
19	44	62	44	1	37	69	1	12			
20	42	61	45	1	36	70	1	11			
21	40	60	46	1	35	71	1	10			
22	38	59	47	1	34	72	1	9			
23	36	58	48	1	33	73	1	8			
24	34	57	49	1	32	74	1	7			
25	32	56	50	1	31	75	1	6			



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All teams (team events and relays) obtaining 41st place or more or all competitors (individual and vertical race) from 81st place onwards will obtain 1 point on the condition of having at least 50 points/time. Teams or competitors who draw at an event will obtain the same number of points corresponding to the lowest place.

2.2 Points / Time

In order to decide between competitors or teams who have the same final points ranking (same points/place total), the race times will be taken into account. Ties will be decided by adding points/time. The points/time depend on the ratio of competitor times and winning time (in percentage). If they are still equal, the competitors remain tied.

Points/time is calculated as follows:

$$P_x = T_1 / T_x * 100$$

T_x = competitor or team X time in seconds

T_1 = Winning time (competitor or team) in seconds

P_x = Points/time of competitor or team

The times are to the second and the percentage to the nearest hundredth.

Example: Competitor A has won the race in 2 h 00'00", competitor B is second in 2h03'30" and competitor X is 30th with 2h15'45". The result of the race is:

A: points/place = 100; points/time = 100.00

B: points/place = 95; points/time = $7200/7410 * 100 = 97.16$

X: points/place = 51; points/time = $7200/8145 * 100 = 88.39$



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3 RANKINGS

3.1 Continental and World Championships

3.1.1 General Principles

The rankings obtained in the championships are:

- Nation ranking.
- Combined senior men and women ranking.

The race results that go toward the championship ranking are:

- Men and women senior teams races.
- Men and women senior, espoir ranking junior and cadet individual ski mountaineering races.
- Men and women senior, espoir ranking, junior and cadet individual Vertical Races.
- Men and women senior and youth relays.

At each event, teams (in team events) or competitors (in individual events) accumulate points/place. (PP)

3.1.2 Nation ranking

Nation ranking is calculated by multiplying the points/place of competitors who count for nation ranking, by the coefficient allocated to each event and eventually adding these up. The number of competitors who count towards the nation ranking as well as the coefficients allocated to each event are detailed in the table below.

For espoirs, only the PP obtained in espoir results are taken into account.

Example: in an individual event, an espoir finishes 1st in espoirs and 3rd in seniors and is the first in his/her nation in senior and espoir. His/her points/place in the espoir result only count with the coefficient 2 and the points/place of seniors 2nd, 3rd and 4th count with the coefficient 3.

Type of event	Individual		Team	Vertical Race		Relays	
	Men and women senior event	Men and women Espoir, Junior and Cadet event	Men and women senior event	Men and Women Senior Event	Men and women Espoir, Junior and Cadet event	Men and women senior event	Youth relay event
Coefficient	3	2	3	2	1	3	2
Number of competitors, men and women, who count towards nation ranking	3	2	3	3	2	1	1



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Points nation ranking = $3 \times (\text{Sum points/place of first 3 individuals senior men of the country} + \text{Sum points/place of first 3 individuals senior women of the country}) + 2 \times (\text{Sum points/place of first 2 individuals espoir men of the country} + \text{Sum points/place of first 2 individuals espoir women of the country} + \text{Sum points/place of first 2 individuals junior men of the country} + \text{Sum points/place of first 2 individuals junior women of the country} + \text{Sum points/place of first 2 individuals cadet men of the country} + \text{Sum points/place of first 2 individuals cadet women of the country}) + \dots$

Ties between nations can occur.

3.1.3 The combined senior championship ranking

Combined senior championship rankings are calculated by adding the points/place of senior men and women competitors obtained in the individual ski mountaineering races, teams races and vertical races. In case of a draw, competitors will be decided against using the points/time principle.

Senior men points ranking = PP individual senior men + PP team senior men + PP vertical race senior men.

3.2 Continental Cups

3.2.1 General Principles

The rankings obtained in continental cups are:

- Continental cup team rankings for men and women senior.
- Continental cup individual ski mountaineering race rankings for senior, espoir ranking, junior and cadet for men and women.
- Continental cup overall rankings for senior men and senior women (combined rankings for team and individual).

The results of races that go toward cup rankings are:

- Continental cup team races for senior men and senior women.
- Continental cup individual ski mountaineering races, senior, espoir ranking, junior and cadet men and women.

Reminder : only competitors from the continent can participate in the cup of the same continent and therefore be ranked. Competitors from another continent can participate at these races only if they are also open.

At each race, the teams (for team races) or competitors (for individual races) accumulate points/place (PP). The points obtained by a competitor in an individual event do not serve for cup team ranking and vice versa

If the competitor and/or the team are from the continent the points/place go towards the continental cup ranking and the international world and continental ranking with a Cup coefficient.

If the competitor and/or team are not from the continent and the event is open, the points/place go toward the international world ranking with the Open coefficient.

To be ranked in a continental cup, the competitor must:

1. He/she must be from the same continent
2. He/she must have participated in at least half of the events counting towards the ranking (round up to a higher whole number for an uneven number of events)



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3.2.2 Continental Cup teams senior ranking (M / W)

The winner of the Continental Cup (Senior Teams) is the Men or Women's team who has accumulated the most points/place at the end of the team events. This is a team ranking; if the team mates change they thus form a new team.

In the case of a draw, the senior men and women's teams are decided against using the principle of points/time

3.2.3 Continental Cup individual ranking (M / W)

The winner of the Individual Continental Cup ski mountaineering race is the competitor who has accumulated the most points/place following the individual Cup events in their category.

If the senior and espoir races are exactly the same, the espoirs are ranked in continental cup espoir and senior.

This is an individual ranking. In the event of a draw, competitors are decided against using the points/time principle.

3.2.4 Continental Cup overall senior ranking men and women

The winner of the overall Continental Cup in senior men and women is the competitor who has accumulated the most points/place over the total Continental Cup team and individual events. The ranking is individual. In case of a draw, competitors will be decided against using the points/time principle.

3.3 World Cups

3.3.1 General Principles

The rankings obtained in the world cup are:

- World cup team rankings for men and women senior.
- World cup individual ski mountaineering race rankings for men and women senior and espoir ranking.
- World cup overall rankings for senior men and senior women (combined rankings for team and individual).

The results of races that go toward cup rankings are:

- World cup team races for senior men and senior women.
- World cup individual ski mountaineering races men and women, senior and espoir ranking.

At each race, the teams (for team races) or competitors (for individual races) accumulate points/place (PP). The points obtained by a competitor in an individual event do not serve for cup team ranking and vice versa.

To be ranked in a world cup, the competitor / the team must:

1. He/she must have participated in at least half of the events counting towards the ranking (round up to a higher whole number for an uneven number of events).
2. He/she must be hold an ISMC licence.

At each race, the teams (for team races) or competitors (for individual races) accumulate points/place (PP). The points obtained by a competitor in an individual event do not serve for cup team ranking and vice versa.



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3.3.2 World Cup ranking for senior teams M / W

The winner of the World Cup (Senior Teams) is the Men or Women's team who has accumulated the most points/place at the end of the team events. This is a team ranking; if the team mates change they thus form a new team.

In the case of a draw, the senior men and women's teams are decided against using the principle of points/time

3.3.3 World Cup individual ranking senior and espoir ranking M / W

The winner of the Individual World Cup is the competitor who has accumulated the most points/place following the individual Cup events in their category.

This is an individual ranking. In the event of a draw, competitors are decided against using the points/time principle.

3.3.4 Overall World Cup ranking senior men and women

The winner of the overall World Cup in senior men and women is the competitor who has accumulated the most points/place over the total World Cup team and individual events. If a competitor has taken part in 4 events or more, only the three best results count. The ranking is individual. In case of a draw, competitors will be decided against using the points/time principle.

3.4 Opens

In opens made up of many events (over a number of days), the ranking per category is established by accumulating the points/place or the times (defined by the LOC) obtained in the event.

3.5 International Rankings Men and Women

3.5.1 Concept and arrangement

International continental and world rankings are established to represent sporting excellence. These rankings take into account the senior men and women's results over different ISMC ski mountaineering events. It is an individual ranking.

3.5.2 Establishing the ranking

In each season, each senior competitor obtains points/places (PP) in each event included in the ISMC calendar. The points/place of each competitor are multiplied by the event coefficient = value which is given to the race depending on "Type of Course". The total PP*coefficient gives the season ranking.

Events	Coefficients
World Championship races (individual, team, vertical race)	6
World Cup races (individual and team)	5
Continental Championship races (individual, team, vertical race)	4
Continental Cup races (individual and team)	3
Grand Classic Opens (individual and teams)	2
Open (individual and teams)	1

For the season N-1/N, the international ranking is equal to the sum of the points for the N-1/N season + half (0.5) of the N-2 / N-1 season.

Ties between competitors are allowed.

3.5.2.1 International continental ranking

For international continental rankings, only the following races are taken into account



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- Continental Senior Championships races.
- Continental Senior Cups races.
- Open races in the continent concerned.

Senior competitors are ranked only in the international ranking of their continent.

3.5.2.2 International world ranking

For international world rankings, only the following races are taken into account:

- Senior World Championship races.
- Senior World Cup races.
- Senior Continental Championship races.
- Senior Continental Cup races.
- Open races.

Reminder for Continental Championships and Cups: If the competitor and/or team is not from the continent and the event is Open, the points/place go towards the international world ranking with the Open coefficient. If the event is not open the competitor may not register.

PP international world ranking = 6*(PP world champ indiv + PP world champ team + PP world champ vertical race) + 5*(PP world cup indiv 1 + PP world cup indiv 2 + PP world cup team 1 + PP world cup team 2) + 4*(PP champ continental indiv + PP continental champ teams + PP continental champ vertical race)+ ...

3.6 Abstract table

In Annex 1, you can see a table with all categories and the events in which they may participate.



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4 MANAGEMENT OF RESULTS AND RANKINGS

The UIAA-ISMC Classifications Secretary is responsible for the elaboration of results and rankings.

He/she must:

- Update, with the help of the ISMC office, details of competitors participating at events.
- Update, with the help of the ISMC office, rankings following competitions and the preceding event rankings.
- Update official rankings (international ranking, cups, championships...).
- Post the ranking on the Internet and send a copy to the head of the judge's commission, the Technical director and the ISMC office.
- Supply one week before the event and again 24h before the event, a list of competitors holding licences requested by the National Federations to the LOC.
- Request the LOC's help in installing and coordinating a system by which he/she can immediately receive the race results.
- Obtain the race rankings in an electronic format within the shortest time period.
- Ensure that a copy of the race results and rankings is sent to each person responsible for the competing country.

He/she is present at:

- The European Cup final (individual and teams).
- The World Cup finals (individuals and teams).
- World and European Championships.

In other cases, the event organisers will hand in the official ranking to the ISMC delegate or technical representative who will send it to the Classification Secretary and the ISMC Office at the end of the race by urgent post.



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5 CLAIMS CONCERNING RANKINGS

The UAA-ISMC technical department will receive and deal with claims concerning rankings.

Claims will be presented in writing by the national federation.

The national federation can appeal according to the procedures outlined in the internal disciplinary regulations of the ISMC-UAA.



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Appendix 1: List of rankings and results of ski mountaineering competitions

	Cadet M&W	Junior M&W	Espoir M&W	Senior M&W
Individual Opens				X
Team Opens				X
Individual GC Opens				X
Team GC Opens				X
Individual Continental Cup Race	X	X	X	X
Individual Continental Cup Ranking	X	X	X	X
Teams Continental Cup				X
Teams Continental Cup Ranking				X
Overall Continental Cup Ranking				X
Individual World Cup			X	X
Individual World Cup Ranking			X	X
Teams World Cup				X
Teams World Cup Ranking				X
Overall World Cup Ranking				X
Individual Continental Championships	X	X	X	X
Continental Championships Vertical Race	X	X	X	X
Teams Continental Championships				X
Continental Championship Relays	X			X
Combined Continental Championship Rankings				X
Continental Championships Nation Ranking	X			
Individual World Championships	X	X	X	X
World Championships Vertical Race	X	X	X	X
Teams World Championships				X
World Championships Relays	X			X
Combined World Championship Ranking				X
World Championships Nation Ranking	X			
International Continental Rankings				X
World International Ranking				X