



# VIDEO CLIP

# AWSA

## ALPINE OFFICIALS &

## RACE ORGANISERS

### Annual Training Update

### 2018



- Why are we here?
- Safety.
- Amateur level sport.
- Fun.
- Retention.
- Intros.

# PENALTY CALCULATION

## THE ALPINE FORMULA

$$P = \frac{F \times Tx}{To} - F$$

P = Race points

Tx = Time of competitor in seconds

To = Time of winner in seconds

OR THIS ONE!

$$P = \left( \frac{T_x}{T_o} - 1 \right) * F$$

P = Race points

T<sub>x</sub> = Time of competitor in seconds

T<sub>o</sub> = Time of winner in seconds



# FÉDÉRATION INTERNATIONALE DE SKI INTERNATIONAL SKI FEDERATION INTERNATIONALER SKIVERBAND



2015/2016

1ère LISTE DES POINTS FIS  
1st FIS POINTS LIST  
1. FIS PUNKTELISTE

Valid until : 19.08.2015  
Valable jusqu'au : 19.08.2015  
Gültig bis : 19.08.2015

01.07.2015

Category/Catégorie/Kategorie	Race level	MINIMUM	MAXIMUM
OWG, OWG, WSC, WC		0	0
OWG K, WSC K, OWG K, WSC K		0	4
WJC, WJC, EC, ANC, FEC, SAC, NAC, UVS, ECOM	1	6	999
NC, NC	2	8	999
YOG, FIS, JUN, NJR, NJC, CIT, UNI, CORP, CISM	3	9	999
ENL, ENL	4	40	999

MEN						GENERAL		Ladies					
ADDER					Z-Value	Men/Ladies		ADDER					Z-Value
Dis.	Level 1	Level 2	Level 3	Level 4		F Value	Max points	Dis.	Level 1	Level 2	Level 3	Level 4	
DH	0	2	3	13	0.00	1250	310	DH	0	2	3	13	0.00
SL	0	2	3	13	0.00	720	145	SL	0	2	3	13	0.00
GS	0	2	3	13	0.00	980	200	GS	0	2	3	13	0.00
SG	0	2	3	13	0.00	1080	250	SG	0	2	3	13	0.00
SC	0	2	3	13	0.00	1150	250	SC	0	2	3	13	0.00

Result Résultat Resultat	Number Dossard Nummer	Name Nom Name	Time Temps Zeit	FIS-Points Points FIS FIS-Punkte	Best 5 5 meilleurs 5 besten	Race points Pts de course Rennpunkte
1.	22		1:35.01	58.91		0.00
2.	15		1:35.47	34.01	34.01	4.74
3.	1		1:36.08	32.77	32.77	11.04
4.	3		1:36.19	36.22		12.17
5.	4		1:36.26	35.99	35.99	12.89
6.	19		1:36.42	46.56		14.54
7.	36		1:36.58	77.20		16.19
8.	11		1:36.73	29.01	29.01	17.74
9.	13		1:36.88	37.03		19.29
10.	9		1:37.00	33.21	33.21	20.53

The best 5 at start / 5 meilleurs points FIS au départ / Die 5 besten FIS-Punkte am Start

DSQ	2		---	18.12
DNF	5		---	22.33
8.	11		1:36.73	29.01
3.	1		1:36.08	32.77
10.	9		1:37.00	33.21

**TOTALS / TOTALS / SUMMEN**

(B)	FIS Points of best 5 at start Points FIS des 5 meilleurs au départ Die 5 besten FIS-Punkte am Start	135.44		
(A)	FIS Points of best 5 to finish in top 10 Points FIS des 5 meilleurs dans les premiers 10 Die 5 besten FIS-Punkte aus den ersten 10		164.99	
(C)	Race Points of corresponding competitors Points compétition de ces concurrents Rennpunkte der entsprechenden Wettkämpfer			66.94
<b>Calculated penalty / Pénalité calculée / Berechneter Zuschlag</b>				
A	164.99 + B	135.44 - C	66.94 -	233.49 : 10 = 23.35
<b>Category Adder / Additif de catégorie / Kategorie-Adder</b>				
				2.00
<b>Penalty applied / Pénalité appliquée / Angewandter Punktezuschlag</b>				
				25.35



- Championship Penalty Point.
  - calculation based on seed points.
  - Appendix 1 to Annex B.
- Seeding rules:
  - One discard for first 4 races.
  - Two discards for 5+.
  - Seeding GS used after first 2 championship races.

## SEEDING AFTER 1 CHAMPIONSHIP RACE

Racer	Seeding GS	Team GS	Ind GS	Super G	Seed points
1	23.15	22.50			
2	0	12.98			
3	28.18	0			
4	76.54	34.57			
5	0	5.36			
6	14.4	15.63			

## SEEDING AFTER 1 CHAMPIONSHIP RACE

Racer	Seeding GS	Team GS	Ind GS	Super G	Seed points
1	23.15	22.50			22.50
2	0	12.98			0
3	28.18	0			0
4	76.54	34.57			34.57
5	0	5.36			0
6	14.45	15.63			14.45

## SEEDING AFTER 2 CHAMPIONSHIP RACES

Racer	Seeding GS	Team GS	Ind GS	Super G	Seed points
1	23.15	22.50	18.25		
2	0	12.98	12.66		
3	28.18	0	15.39		
4	76.54	34.57	56.25		
5	0	5.36	19.98		
6	14.4	15.63	15.54		

## SEEDING AFTER 2 CHAMPIONSHIP RACES

Racer	Seeding GS	Team GS	Ind GS	Super G	Seed points
1	23.15	22.50	18.25		20.38
2	0	12.98	12.66		6.33
3	28.18	0	15.39		7.70
4	76.54	34.57	56.25		45.41
5	0	5.36	19.98		2.68
6	14.4	15.63	15.54		14.97

## SEEDING AFTER 3 CHAMPIONSHIP RACES

Racer	Seeding GS	Team GS	Ind GS	Super G	Seed points
1	23.15	22.50	18.25	14.44	18.40
2	0	12.98	12.66	8.56	7.07
3	28.18	0	15.39	15.21	10.20
4	76.54	34.57	56.25	48.24	46.35
5	0	5.36	19.98	18.78	8.05
6	14.4	15.63	15.54	16.22	15.19

# TIMING CALCULATION

**WORK IN JURY GROUPS**

## Timing and Calculations

Bib	Time "A"	Hand Time	Difference	(+)	(-)
1	96.28	1:36.40			
2	97.01	1:37.10			
3	96.35	1:36.52			
4	DNF				
5	96.34	1:36.58			
6	96.35	1:36.56			
7		1:36.15			
8	97.15	1:37.29			
9	96.76	1:37.00			
10	96.90	1:37.02			
11	96.85	1:37.05			
12	95.99	1:35.95			
13	DNF				
14	DNS				
15	96.20	1:36.19			
16	96.99	1:36.91			



## Timing and Calculations - Result

Bib	Time "A"	Hand Time	Difference	(+)	(-)
1	96.28	1:36.40		0.12	
2	97.01	1:37.10		0.09	
3	96.35	1:36.52		0.17	
4	DNF				
5	96.34	1:36.58		0.24	
6	96.35	1:36.56		0.21	
7	96.00	1:36.15	(-) 0.15		
8	97.15	1:37.29		0.14	
9	96.76	1:37.00		0.24	
10	96.90	1:37.02		0.12	
11	96.85	1:37.05		0.20	
12	95.99	1:35.96			0.03
13	DNF				
14	DNS				
15	96.20	1:36.19			0.01
16	96.99	1:36.91			0.08

Total: + 1.53  
 Total: - 0.03  
 Difference: + 1.50  
 Div.: 10 0.15  
 Result: + 0.15  
 Final Res. - 0.15

## THE HILL TEAM?



## HILL TEAM

- Chief of Race – ICR 601.3.1
  - Responsible to the Ex Director for the delivery of all Alpine events iaw the Safe System of trg.
  - Ensure SQEP Hill Team.
  - Contract compliance.
  - Hill Team Top Cover & VIP Fluffing.
  - COS or CSM/SSM of the Hill Team.
  - Ensure successful and safe delivery of each race as per the programme.

## START REF

- Start Ref – ICR 601.3.3

## FINISH REF

- Finish Ref – ICR 601.3.4

## REFEREE

- Referee – ICR 601.4.10
- Asst Ref (Speed events only)

## CHIEF OF GATES

- Chief of Gates – ICR 601.3.5

## T&C

- Timings & Calcs – ICR 6.1.3.6



## TD

- TD (Divs, Armies, Inters) – ICR 601.4.9.1-602



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# PRACTICAL CASES

1. After the jury inspection has finished, you confirm to the start referee the time for opening for the competitors inspection. 10 mins later you receive on the radio a comment from the start referee. A competitor has arrived for the inspection with his arm in plaster, apparently it is broken. The start referee asks what he should do?

- Would you allow the competitor to start the inspection?
- If not, why?

## ■ ICR 601.4.6.3

- From a disciplinary viewpoint particularly by: - Decision on a proposal of the Technical Delegate or a Jury member to exclude a competitor for lack of physical and technical ability

## ■ ICR 221.1

- National Ski Associations are responsible for the fitness of their competitors to race. All competitors, male and female are required to undergo a thorough evaluation of their medical health. This evaluation is to be conducted within the competitor's own nation.

2. A team captain has a complaint about a race bib that is too big for his female racer as she is very thin. They have requested that the racer is allowed to start without a bib or that it may be taped around her body?

- What is your answer?
- Is this allowed?

- **ICR 606.5**
- Start Numbers (Bibs) All competitors must wear the official start numbers (Bibs) during the race. For the design of bibs and the commercial imprints see specifications in the FIS Advertising Rules. All bibs used during a single competition must have the same shape and size lettering and attachment method must not be altered.



3. Racer No 5 has started and after passing gate number 10 , finds that the next turning pole is missing. He realised that something was not right but continues for another 3-4 gates. After this, he stops. His team captain who is standing close immediately asks for a re-run. After the first run a protest against the confirmation of the re-run is made.

- Can anyone make a protest?
- If yes, within what time frame?

## ■ ICR 623.1.1

- A competitor who is obstructed while racing must stop immediately after the incident takes place and report this to the nearest gate judge. He may apply to any member of the Jury for a re-run. This claim can also be made by the team captain of the obstructed competitor. The competitor should make his way to the Finish along the side of the course.

4. It is the Super-G course inspection and the course is due to close for inspection at 0930. A Team Captain complains to the Finish Referee at 0920 that some of the competitors have been inspecting in their boots.
- a) Is this a problem?
  - b) What actions are available to the Jury?

## **ICR 614.3 Inspection**

614.3.2 Competitors are not permitted to enter the course on foot without skis.

## **ICR 641 Types of Protest**

641.2 Against the course or its condition.

641.3 Against a competitor or against an official during the race.

## **ICR 643 Deadlines for Submittal**

643.3 Against a competitor – within 15mins after the last competitor has passed the finish

5. The course inspection was scheduled between 9:00 and 9:30. The TD receives a protest at 9:45 against a competitor who apparently was still inspecting on the race slope at 9:35.
- a) Is it possible to DSQ the competitor?
  - b) Other possible solutions?

**PROGRAM / PROGRAMME / PROGRAMM**

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Date / Date / Datum	Site / Lieu / Ort	Country / Pays / Land	Event (SL / GS / SG / DH / AC)	
Category / Catégorie / Kategorie <input checked="" type="checkbox"/> COC <input type="checkbox"/> FIS <input type="checkbox"/> CIT <input type="checkbox"/> NJR <input type="checkbox"/> MAS <input type="checkbox"/>				
		Place		Time
Radios / Radios / Funkgeräte				
Lift open / Ouverture des remontées mécaniques / Lift öffnet				
Warmup and training area / Piste d'échauffement et d'entraînement / Aufwärm- und Trainingspiste				
Jury inspection / lieu d'inspection du jury / Ort der Besichtigung Jury				
Jury / Jury / Jury		FIS TD:		
		Chief of Race:		
		Referee:		
		Assist Referee:		
Run / Manche / Lauf	1st / 1ère / 1. Run		2 <sup>nd</sup> / 2ème / 2. Run	
Course setter / Traceur / Kurssetzer				
Inspection (one) / Reconnaissance (une) / Besichtigung (eine)		09.00 – 09.30		
Entry for racers closed / Entrée fermée pour coureurs / Zutritt für Wettkämpfe geschlossen		09.15		
Coaches on place / Entraîneurs en position / Trainer am Platz				

6. In a Slalom race a competitor straddled a pole in front of the Referee. After the run, while preparing the protocol, he notices that the Gate Judge didn't see the racer's mistake.
  - a) Should the Referee mark the disqualification?
  - b) Can the TD or Chief of Race vote against this decision?

### **601.4.10 Duties and rights of the Referee**

- Checks, signs and posts the Referee's Report on the official notice board at the end of each run, and at the end of the race, including a list of disqualified competitors, the gate numbers where the faults occurred, the name of the relevant gate judge or judges, and the exact time of the posting.
- Sends a report to the FIS should unusual circumstances arise or in the event of a serious difference of opinion among the Jury members or in the case of severe injury to a competitor.



646.3 At the vote on the protest, only the Jury members are to be present. The TD chairs the proceedings. Minutes of the proceedings are to be kept and signed by all voting members of the Jury. The decision requires a majority of all voting members of the Jury, not just of those present. In case of a tie, the TD's vote is decisive. The principle of a free evaluation of the evidence is maintained. The rules on which the decision is to be based must be applied and interpreted in such a way that fair proceedings are guaranteed.

7. It is second run of the Team GS, which has been delayed due to high winds. The 3<sup>rd</sup> from last competitor has fallen near the finish, unfortunately he does not move out of the racing line, the 2<sup>nd</sup> from last competitor is impeded and requests a rerun. The last racer has just left the start gate.

a) What options do you have?

b) What can be done to prevent this happening in the future?

## ACR 614.2.3

### **Interdiction to Continue after a Competitor Stops.**

If a competitor comes to a complete stop (e.g. after a fall), they must no longer continue through previous or further gates. This interdiction is valid for all events with a fixed start interval (DH, SG, GS). Only exception is for Slalom, or Team Giant Slalom events who may adopt a Slalom start procedure (see Rule 805.1). This must be recorded in the Jury minutes.

## **ICR 623 Re-runs**

### **ICR 623.1 Prerequisites**

623.1.1 A competitor who is obstructed while racing must stop immediately after the incident takes place and report this to the nearest gate judge. He may apply to any member of the Jury for a re-run. This claim can also be made by the team captain of the obstructed competitor. The competitor should make his way to the Finish along the side of the course.

# PRACTICAL CASES VIDEOS

1.

A Slalom FIS NJR has started. A racer stopped after the 10<sup>th</sup> gates. You see him talking with the Gate Judge and looking around a bit confused. You are 40 to 50 m from him trying to guess what it is happening. At this point you hear on the radio that the Referee is asking for a Rerun for this racer. See the video.

- What is your reaction?
- ICR rule





2.

See the following video.

- Is there something you can do to avoid this?





### 3.

The racer has already started when you hear on your radio: "Start stop". As it is an open slope you can see below your position that the Chief of Course is "working" on a gate pole when he realizes that the racer is near. He moves back at the last moment shortly before the racer passes his position but after passing the gate the racer falls. Apparently he removed the pole that then went under his skis.

- Ask for the video if possible













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- 623.1.2 In special situations (e.g. in case of missing gates, failure of the timekeeping system or other technical failures), the Jury may grant a re-run.

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### 3. Missing time

Racer with bib 20 crosses the Finish Line. The Chief of Timing asked for a “Start Stop” explaining that there is no impulse for the last racer. I asked the Finish Referee on the radio for the manual time and his answer is: “.. the watch was reset and unfortunately we have no chance to calculate the time of racer bib 20”.

### 3. Missing time

In the meantime the Chief of Timing is controlling all devices and has not found any problems, so I told the racer to go to the Start and make a Re-run.

After the 1<sup>st</sup> run I checked the Timing Strip and realized that bib 19 is a DNS and the mistake is a communications problem. The Jury now has two different times for bib 20 on the first run.

- Find a solution for this problem.
- If the racer had not finished his Re-run?

## 623.3 Validity of a Re-run

623.3.1 If the Referee or another Jury member is unable to question the appropriate officials immediately or to judge the justification for the re-run he may grant a provisional re-run, to avoid delay for the competitor. This re-run will be valid only if it is subsequently confirmed by the Jury.

623.3.2 If the competitor was already disqualified before the incident entitling him to a re-run, the re-run is not valid.

623.3.3 The provisional or subsequently approved run remains valid even if it proves slower than the obstructed one.

# RULE CHANGES SINCE NOVEMBER 2017

- Timing Equipment Homologation-Grace Period
- 611.2
- For all BASS seeded events on the calendar, electronic timers, start gates and photocells homologated by FIS must be used. Timing devices which have been homologated by FIS may continue to be used for a maximum of two years after they have been removed from the official list of FIS homologated equipment. A list of all approved devices is published on the GBSKI web site. Races using timing equipment other than those on this approved list will not be considered for seed points.



## Exceptions to FIS and BASS Equipment Rules:

**For Season 15/16 helmets that conform to the following standards will be exceptionally accepted at Corps events. Helmets that conform to the higher standard can be used and early adoption is encouraged.**

1. **Ski Racing Helmets.** Helmets are compulsory for all events, including DH training. Helmets must be labelled as meeting appropriate standards (EN 1077, CEE 1077, US 2040, or other standards as defined in FIS Equipment rules) and marked as intended for Alpine skiing (i.e. not Snowboard or any other event/sport). Helmets shall have no protruding edges or spoilers and have a smooth top surface. Soft ear protections are only allowed for Slalom (Class B) and helmets for all other events must provide hard cover over the ears (Class A). Chinstraps must be fastened securely. **This applies to Corps events only.**

3. Helmets must comply with the FIS Equipment Regulations for **all other events** and be marked with the manufacturer's label:



# LESSONS IDENTIFIED

**Team Racing.** Ability to climb back-up is compromising safety. Brief Teams at the TCM. Maintain a safe gap between competitors.

**Programme Changes.** Ensure we communicate this information early and through all means available.

**Race Results.** Layout is standard, do not deviate. Forerunners times should not appear on them. Ensure all applicable information is included.

**Single pole slalom?** Know the rules for stepping back up and around the pole.

*The End*

**Have a great season**